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NOVE PSIHOAKTIVNE SUBSTANCE - PRELIMINARNA TESTIRANJA -BARVNE REAKCIJE

Denis Saboti, Brigita Nemec, Dr. Sonja Klemenc

MNZ-GPU

Nacionalni forenzični laboratorij, Vodovodna 95, 1000 Ljubljana, Slovenia



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Zahvala

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PREDGOVOR

Preproste barve testne reakcije (preliminarni testi) so lahko pomemben element zmanjševanja škode med uporabniki novih psihoaktivnih substanc. Ti lahko preliminarne teste naredijo doma in na ta način preverijo, če je spojina, ki jih imajo tisto kar mislijo, ali pa je kaj drugega. Vsekakor pa se morajo uporabniki zavedati, da je zanesljivost preliminarnih testov omejena, ker nimajo take identifikacijske moči, da bi zanesljivo potrdili za katero snov dejansko gre (številne snovi namreč reagirajo podobno). Reakcije le nakazujejo katera snov (oz. vrsta snovi) bi lahko bila v vzorcu prisotna.

V Nacionalnem Forenzičnem laboratoriju (NFL) smo različne nove psihoaktivne substance testirali z reagenti narejenimi v NFL in tudi z različnimi komercialno dostopnimi reagenti namenjenimi forenzikom in tudi drugim uporabnikom. V tej brošuri so prikazane slike rezultatov preliminarnih testiranj za katera smo uporabili komercialne komplete (»SafeTest 4« <https://www.safetest4.co.uk/>) naslednjih preliminarnih testerjev: Marquisⁱ, Mandelinⁱ, Meckeⁱ, Libermannⁱ, Froehdeⁱⁱ and Gallic acidⁱ (galska kislina).

V brošuri so prikazane fotografije testiranj za različne razrede novih psihoaktivnih substanc. V zgornji vrstici vsake slike so navedena imena uporabljenih reagentov. V naslednji vrstici so prikazane barve reagentov (»blank«) brez dodatka testirane substance. V naslednjih vrsticah sledi prikaz poteka reakcije v reakcijskih časih 2, 10, 20, 60 in 120 sekund, za vsak reagent.

Vse spojine, ki so prikazane v tej brošuri so bile pred preliminarnimi testiranjami kemijsko potrjene z inštrumentalnimi analizami, ki jih je NFL izvedel v okviru projekta RESPONSE. Strategije kemijskih karakterizacij so objavljene tu:

<http://www.policija.si/eng/index.php/generalpolicedirectorate/1669-nfl-page-response> (angleška verzija)

Pomembno opozorilo uporabnikom: Pozitiven rezultat testa na določeno snov, še ne pomeni, da vzorec res vsebuje to snov in da ne vsebuje drugih primesi ter da je uporaba varna! Barva testne reakcije se lahko spremeni glede na intenzivnost, odtenek in nasičenost. Barva je v praksi odvisna tudi od primesi in/ali dodatkov, ki so v realnih vzorcih pogosto prisotni.

Omejitev odgovornosti: Nacionalni forenzični laboratorij odsvetuje uporabo drog in drugih psihoaktivnih substanc! Rezultati testiranj prikazani v tej brošuri so lahko uporabnikom, ki se uživanju nočejo odreči, v pomoč v smislu zmanjševanja škodljivih posledic! Avtorji te brošure in NFL ne prevzemamo nobene odgovornosti, glede izvedbe testiranj, varnosti in interpretacije rezultatov strani uporabnikov. Ti vse kar počnejo, delajo na lastno odgovornost.

*Dr. Sonja Klemenc
RESPONSE project manager*

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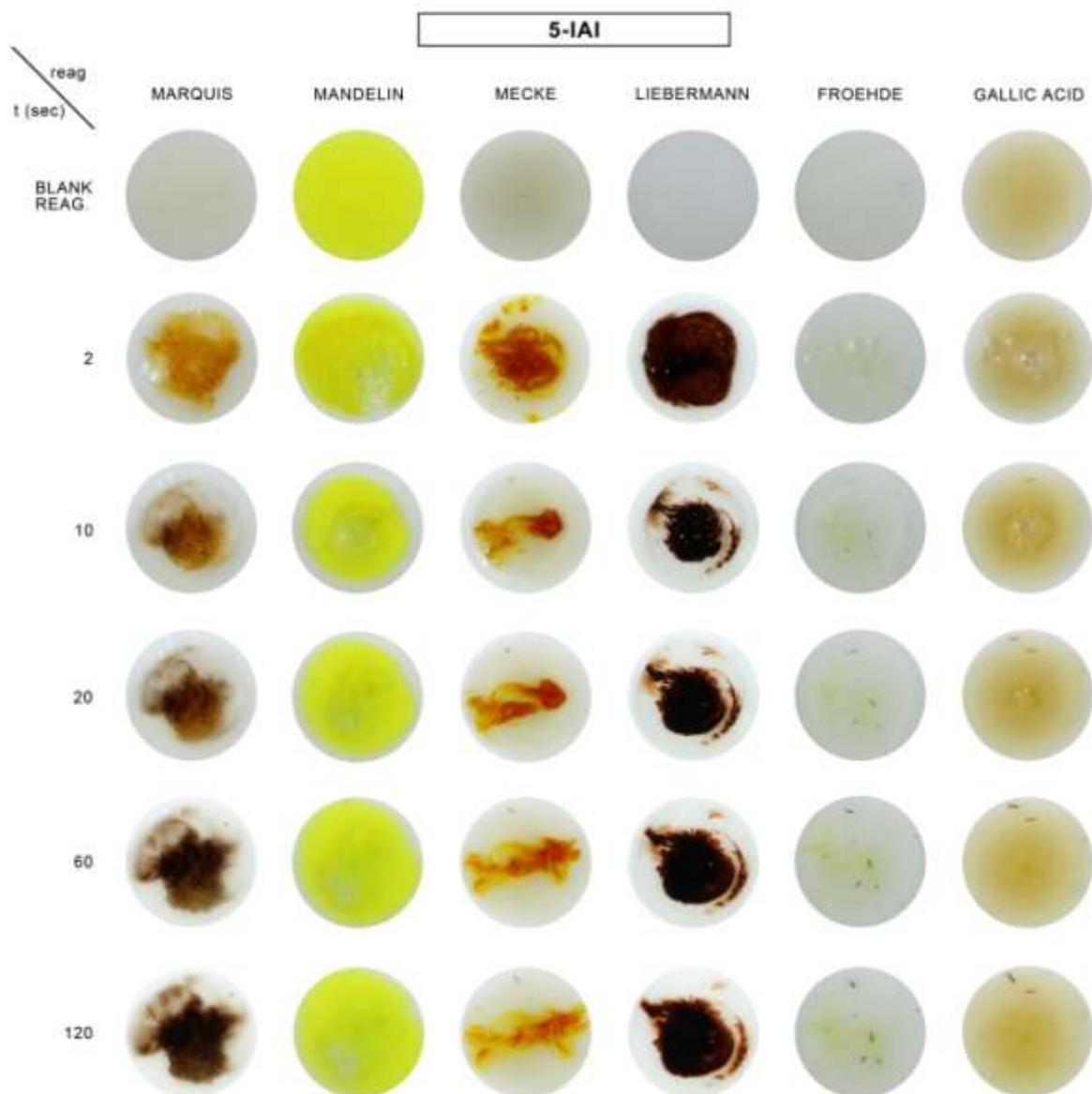
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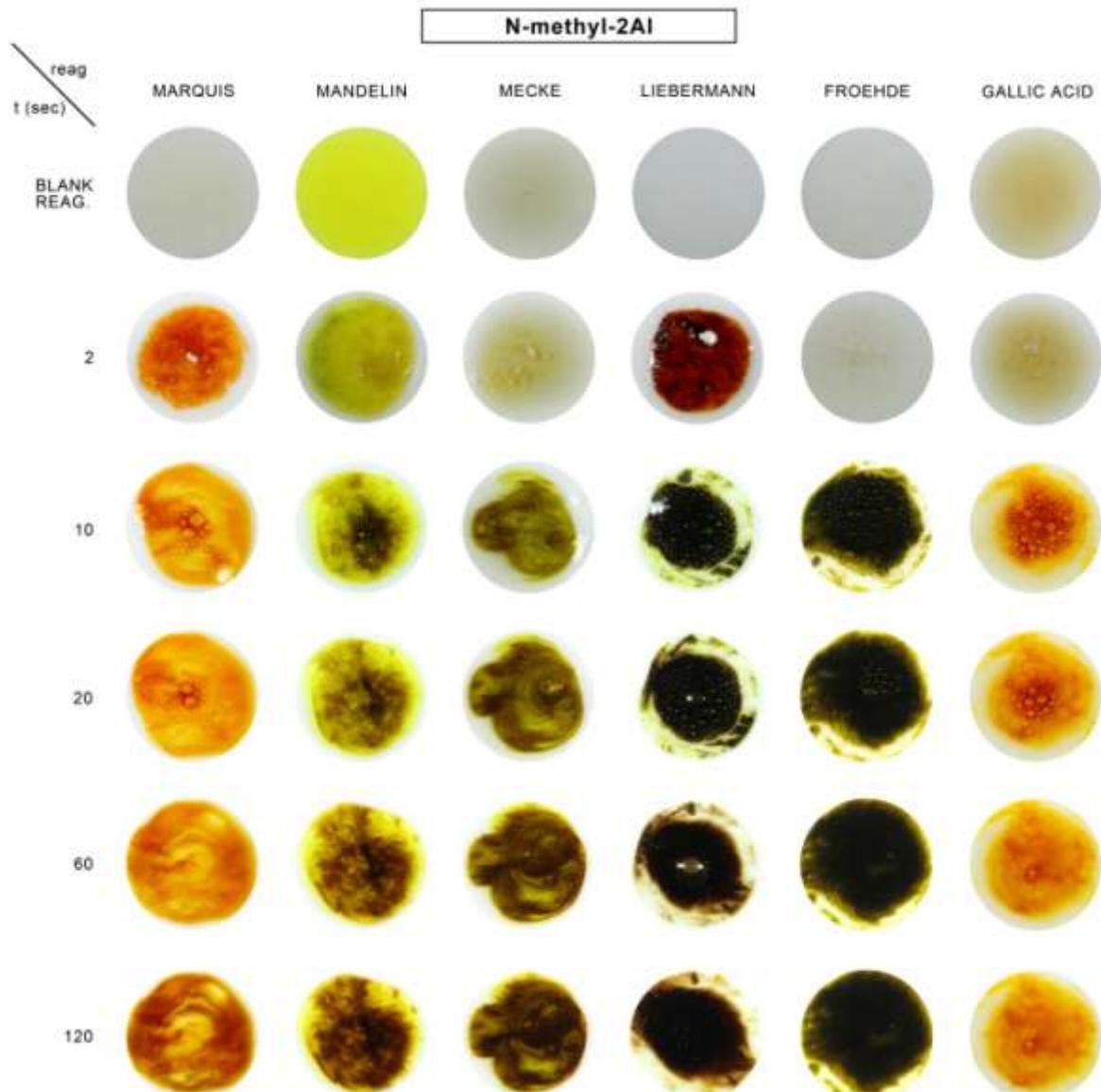
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1. Aminoindani

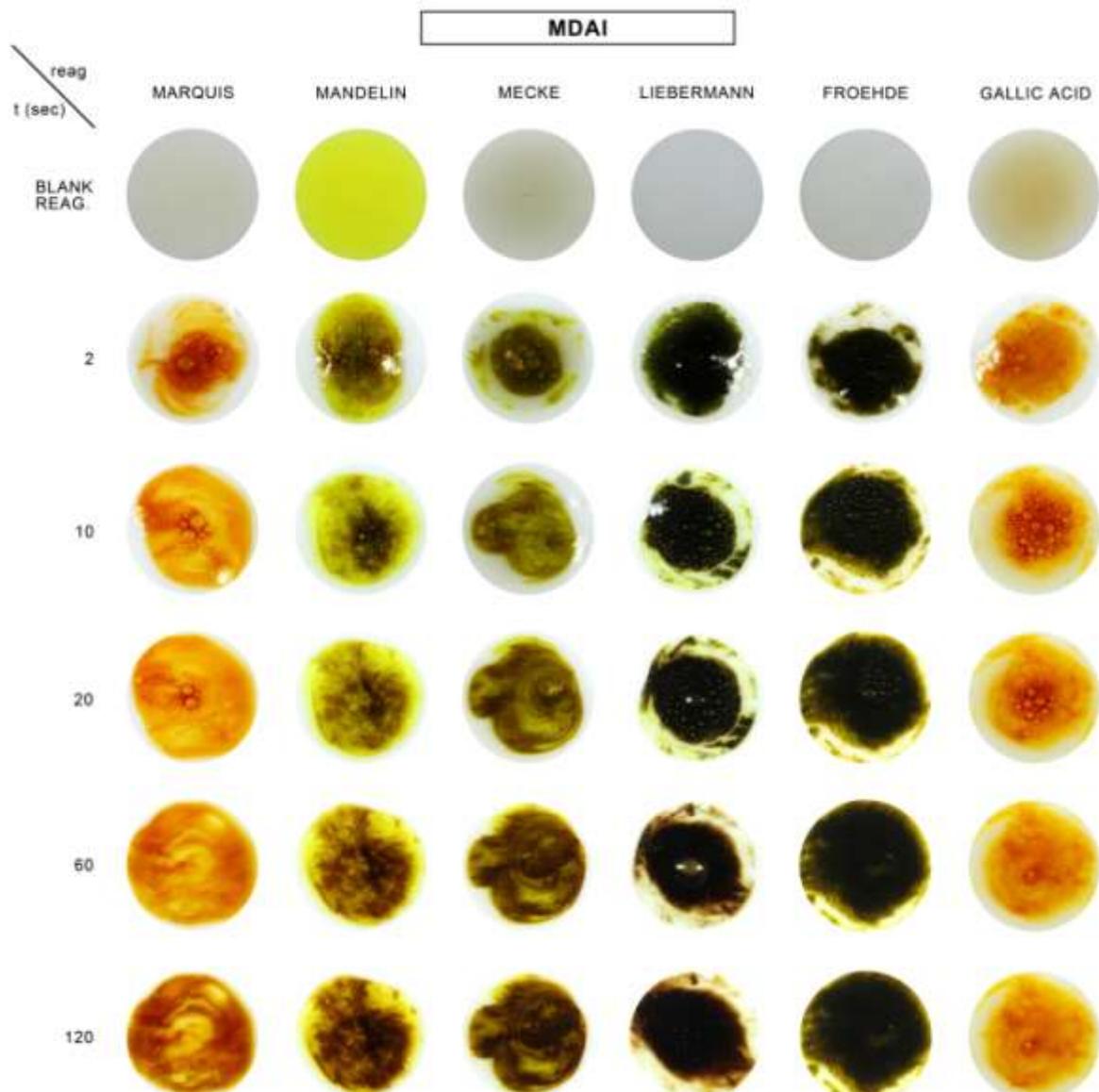
1.1. 5-IAI



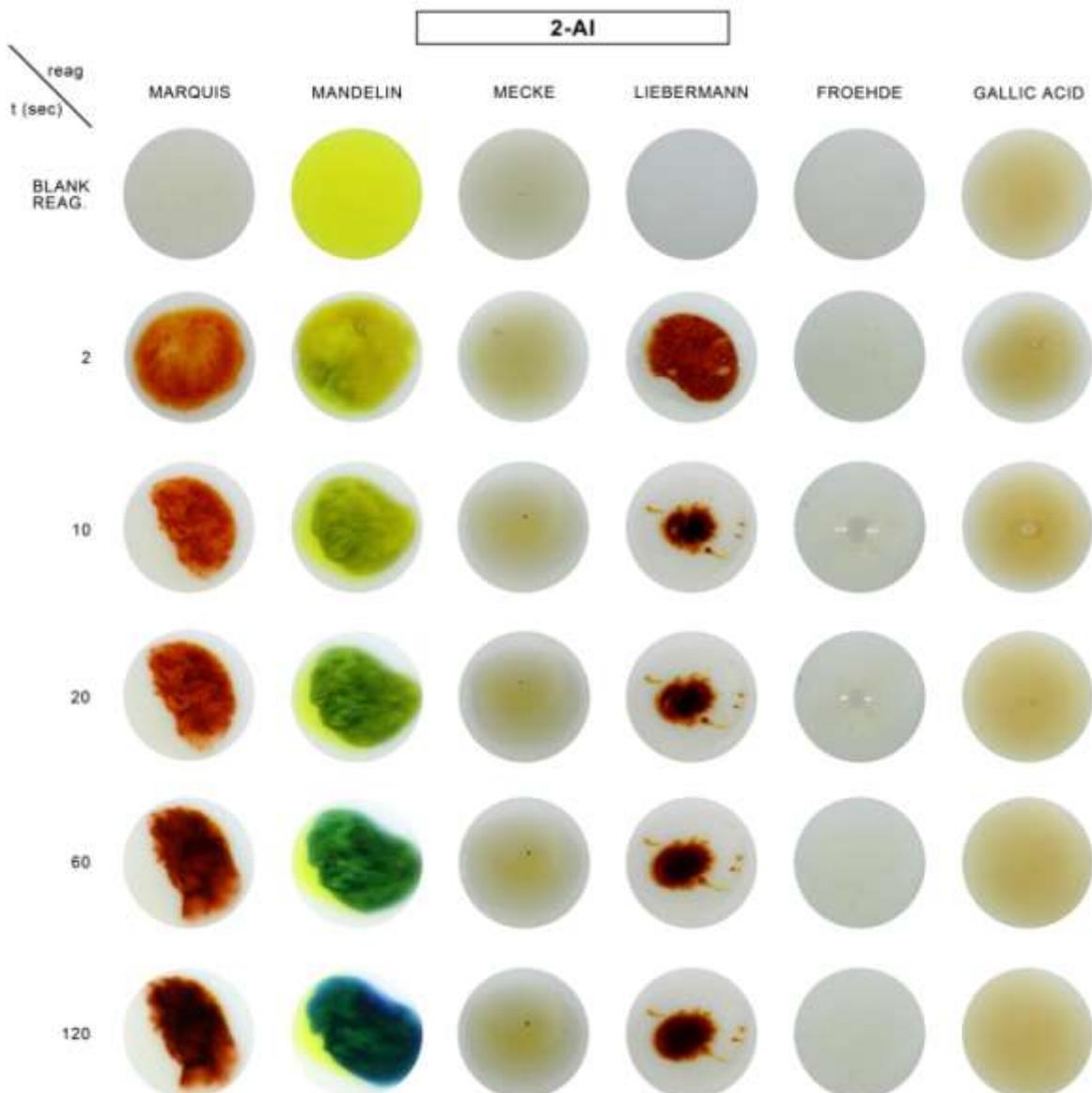
1.2. N-methyl-2Al



1.3. MDAI

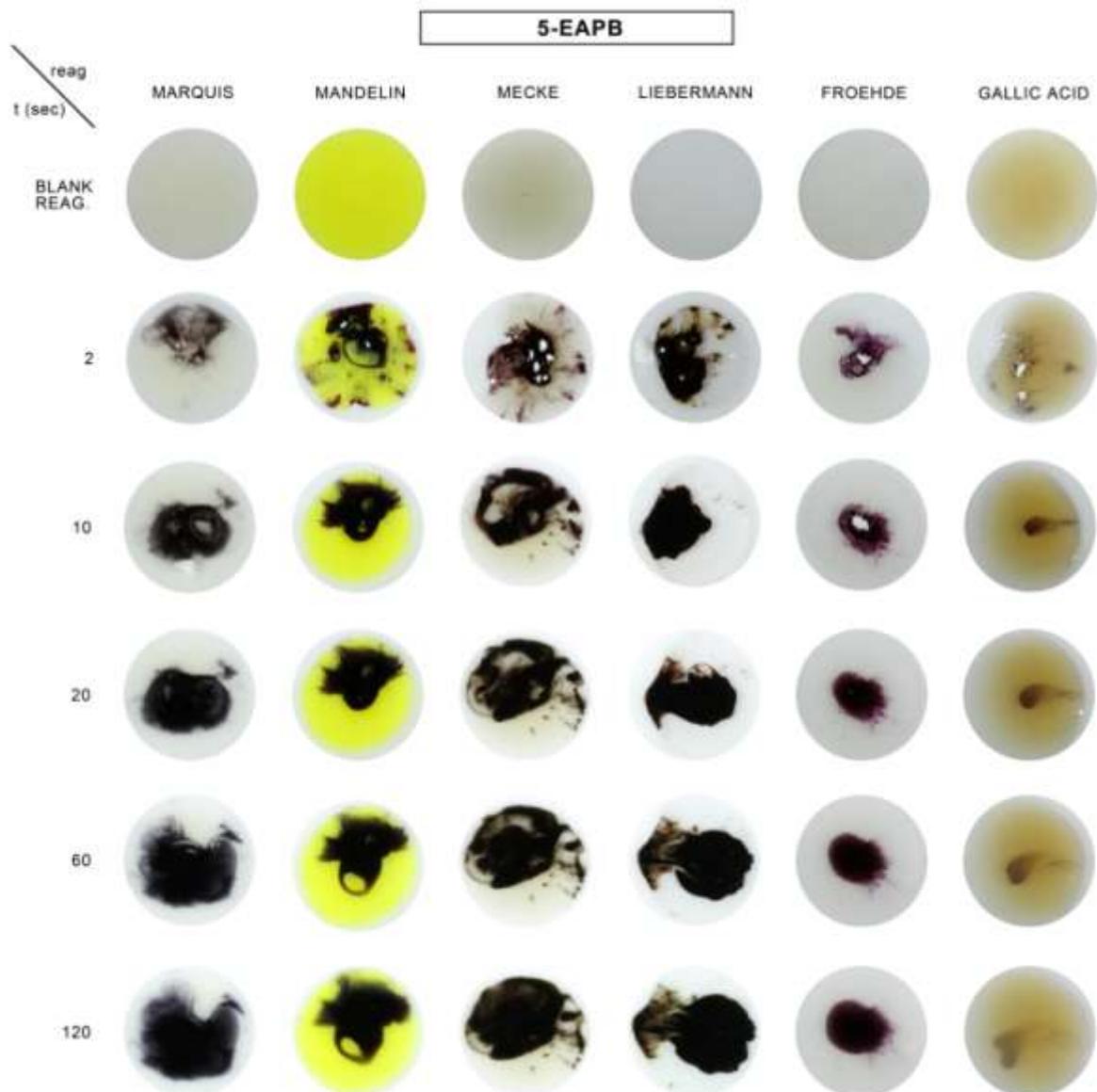


1.4. 2-AI

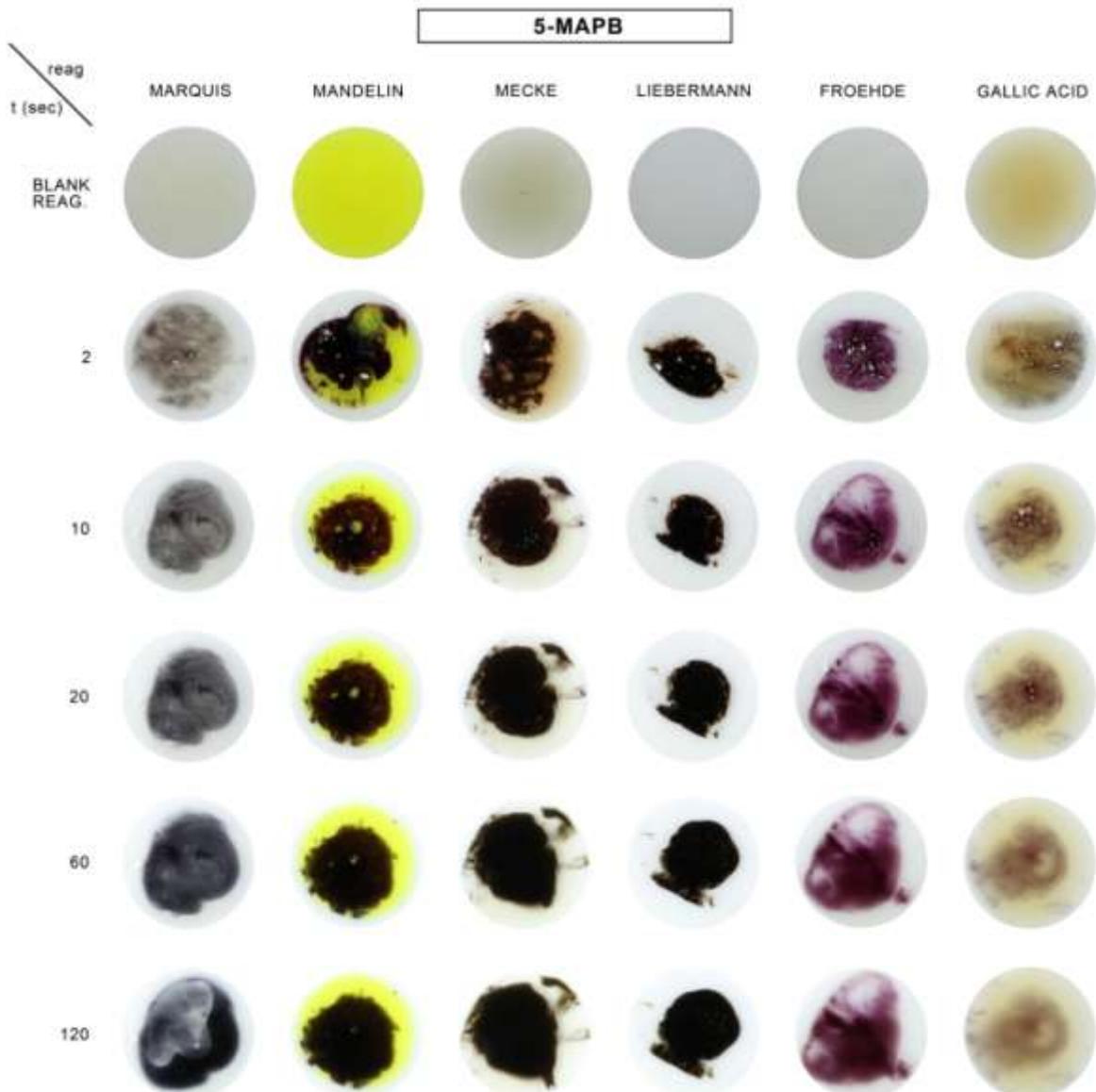


2. Arilalkilamini

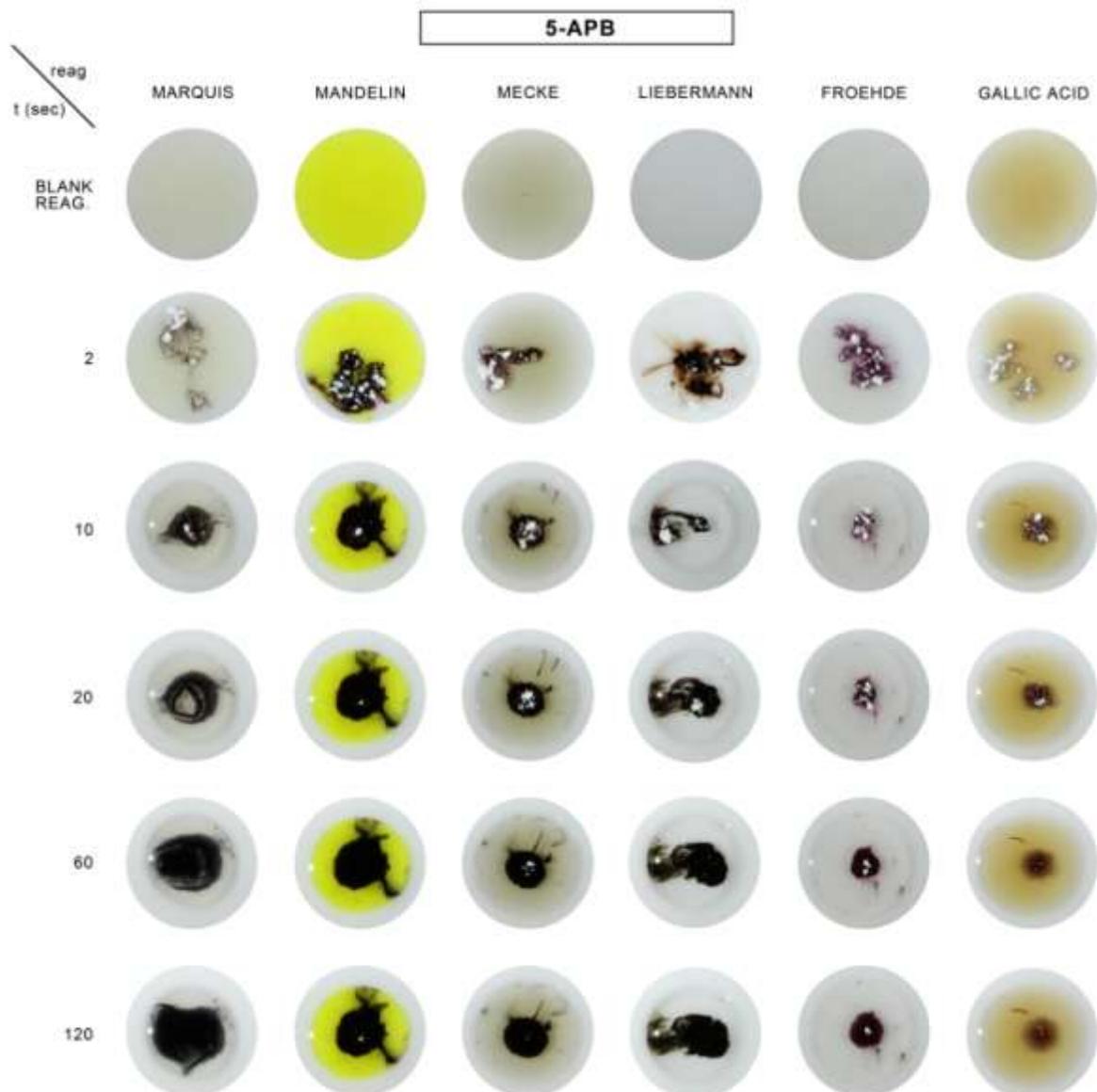
2.1. 5-EAPB



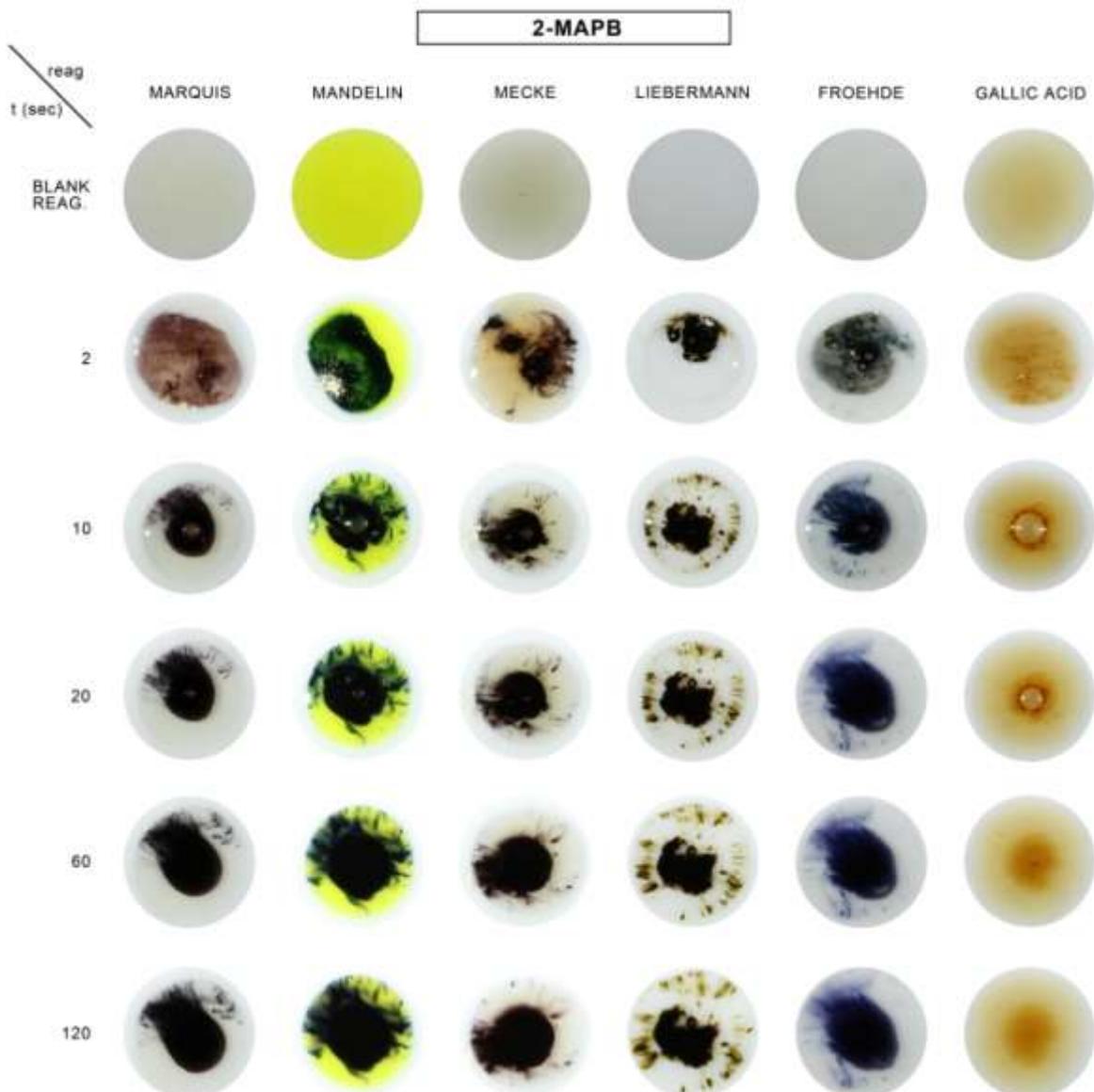
2.2. 5-MAPB



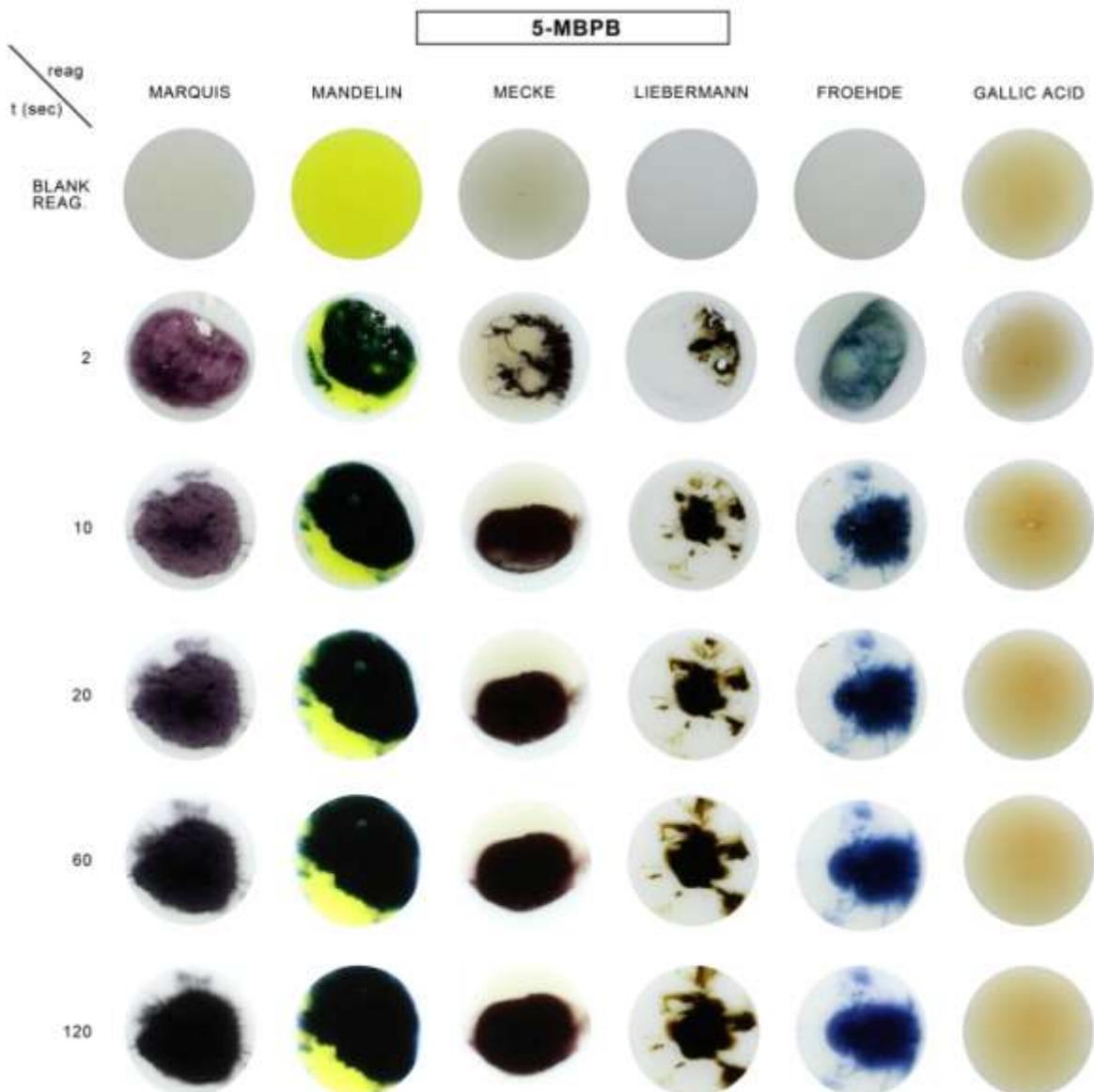
2.3. 5-APB



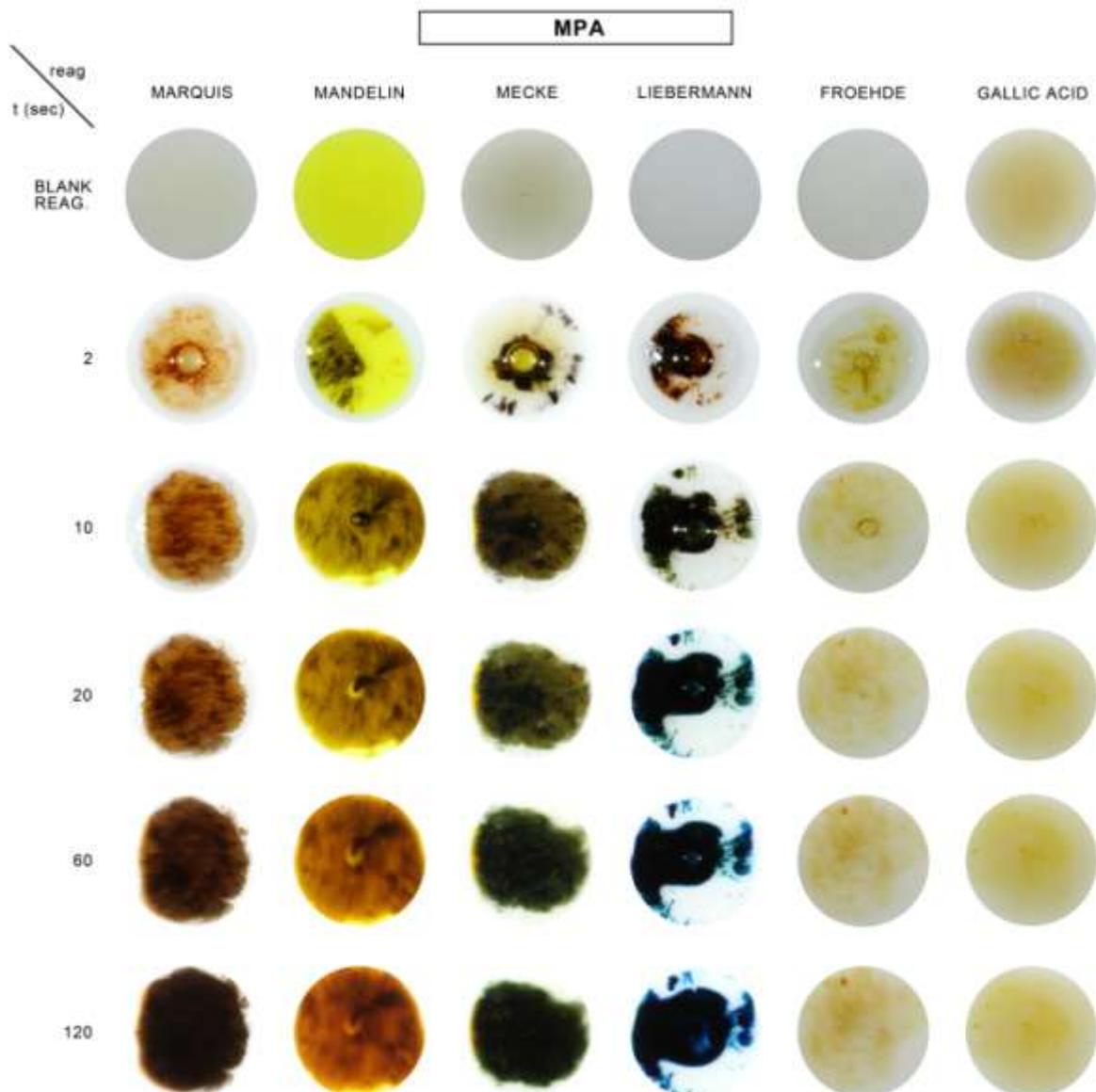
2.4. 2-MAPB



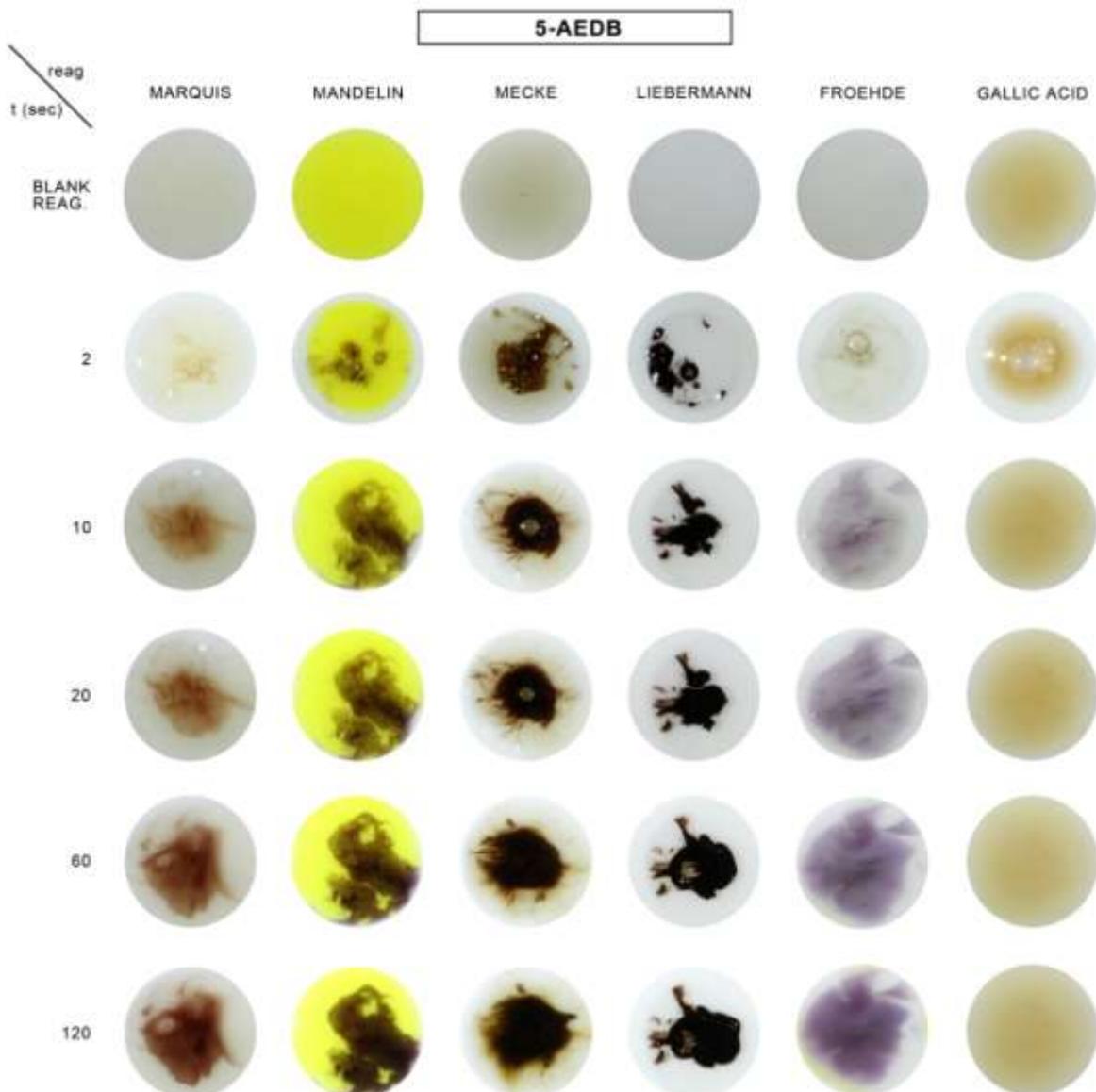
2.5. 5-MBPB



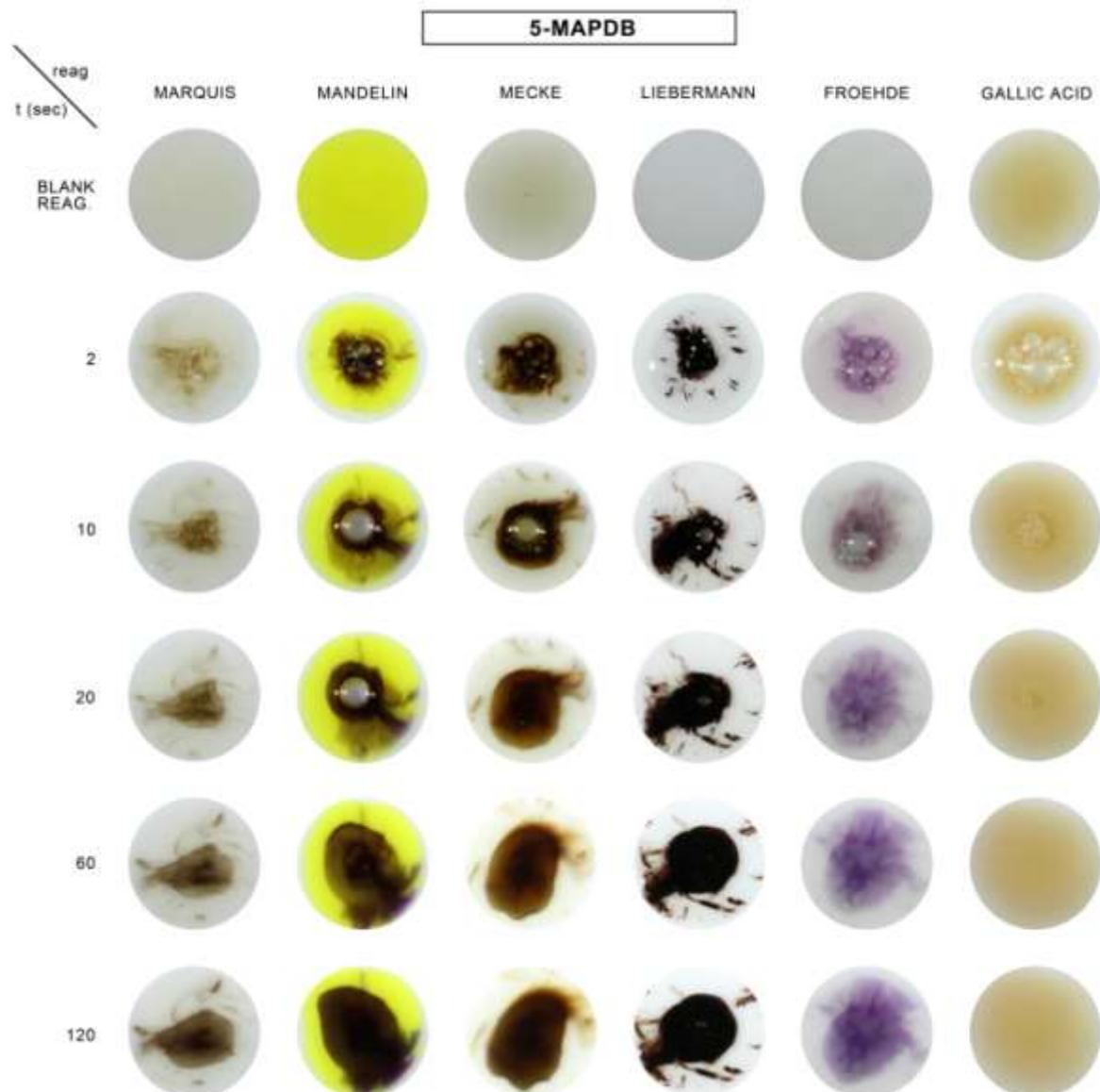
2.6. MPA_Methiopropamine



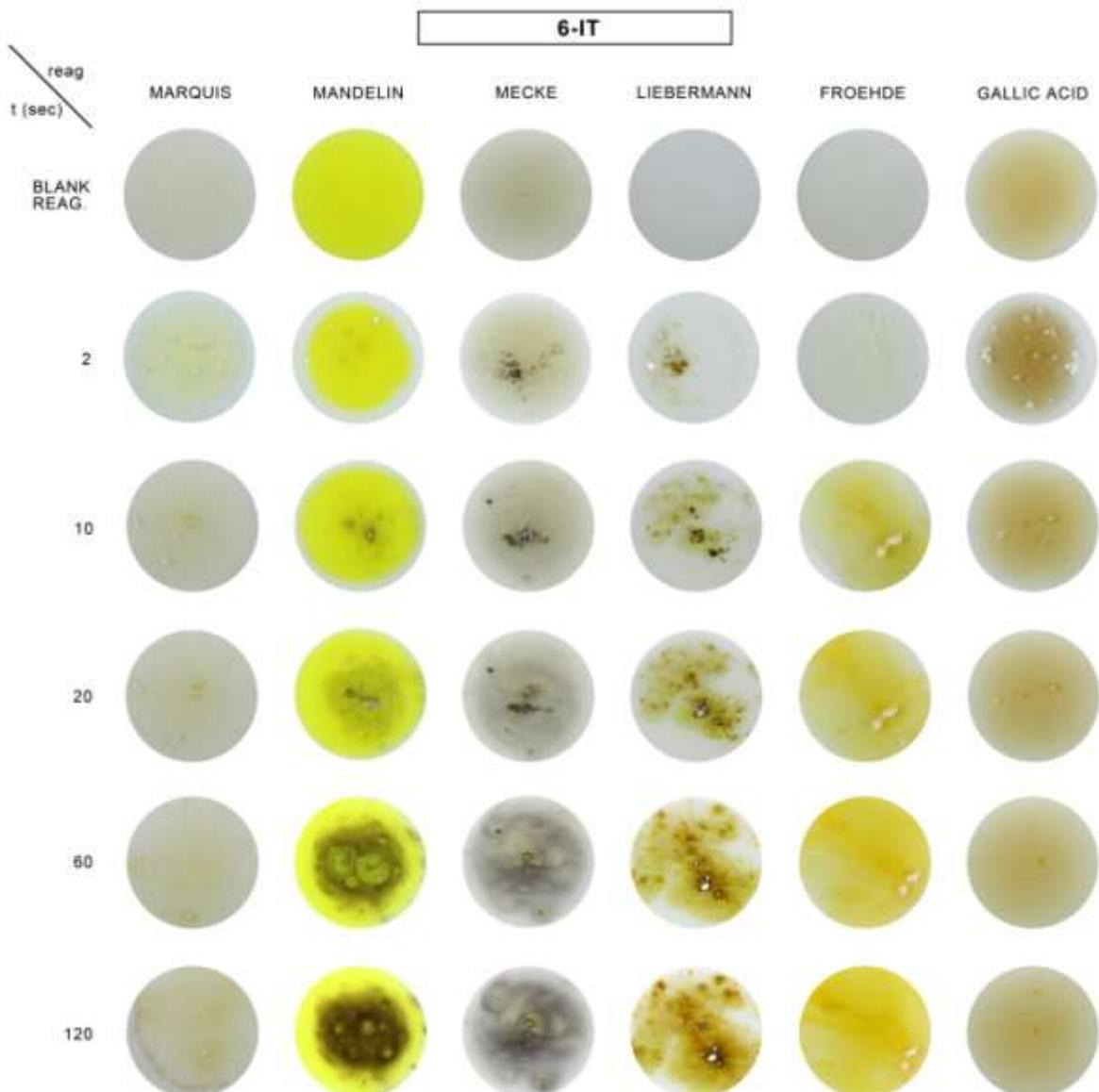
2.7.5-AEDB



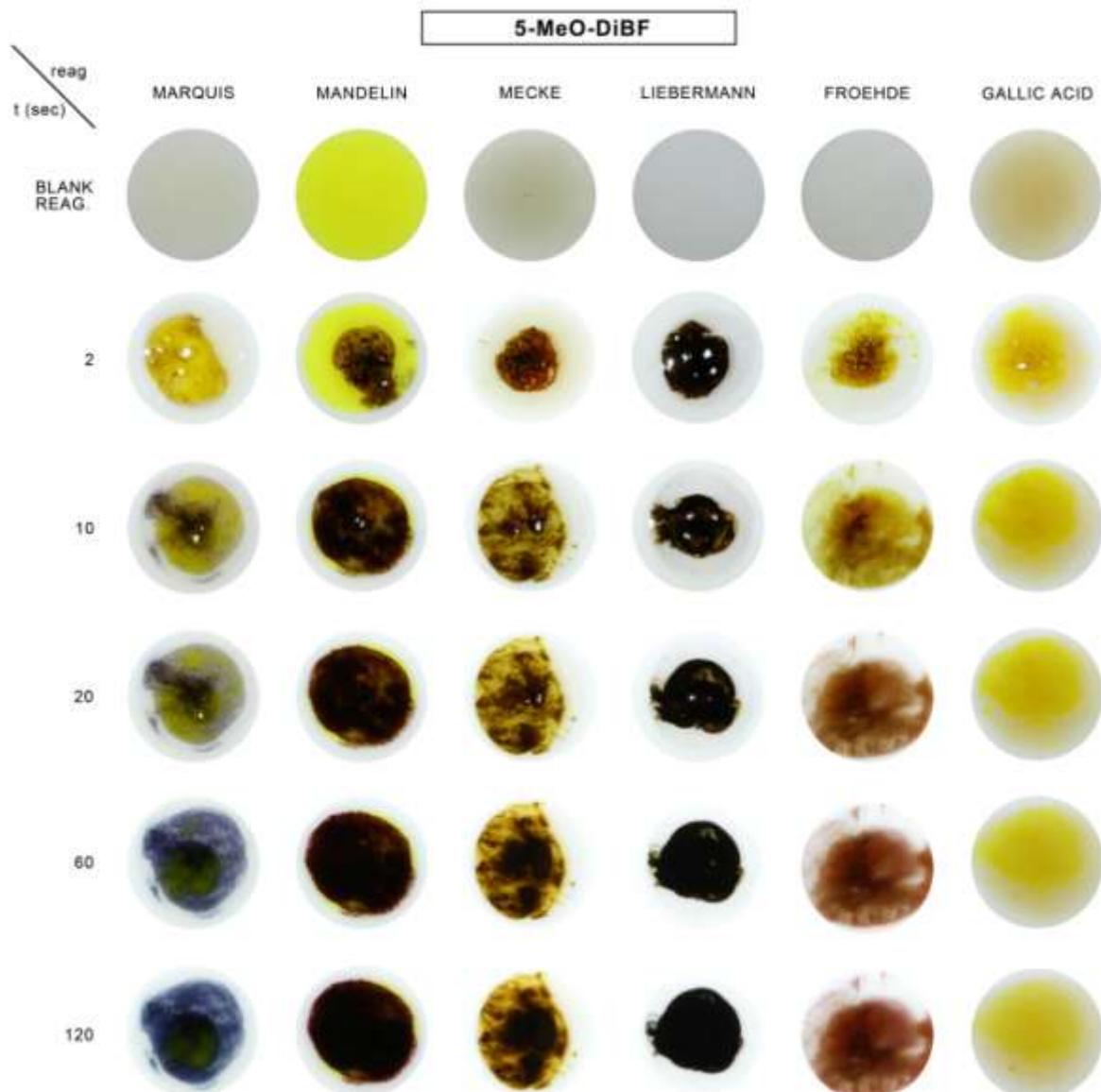
2.8. 5-MAPDB



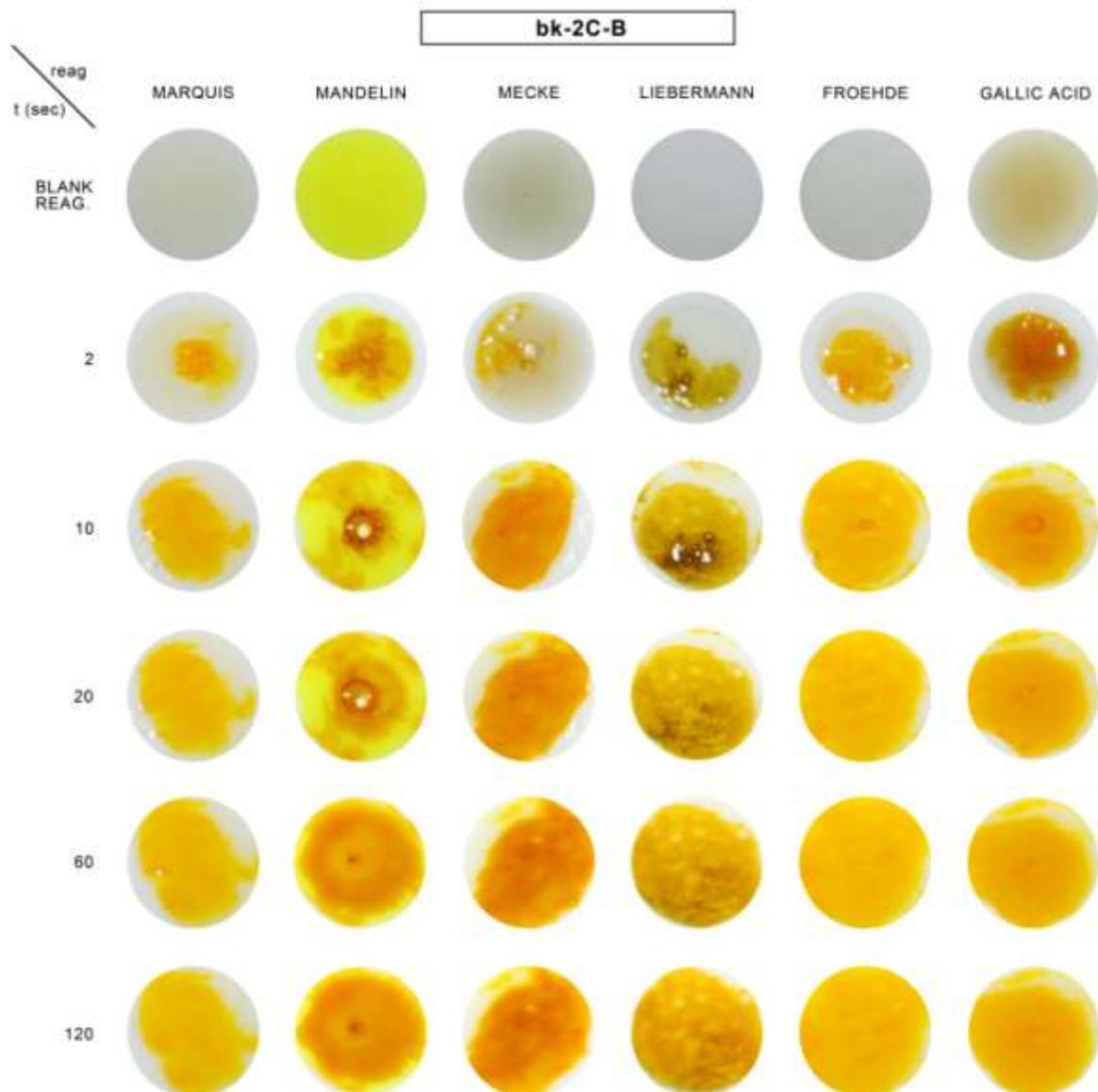
2.9.6-IT



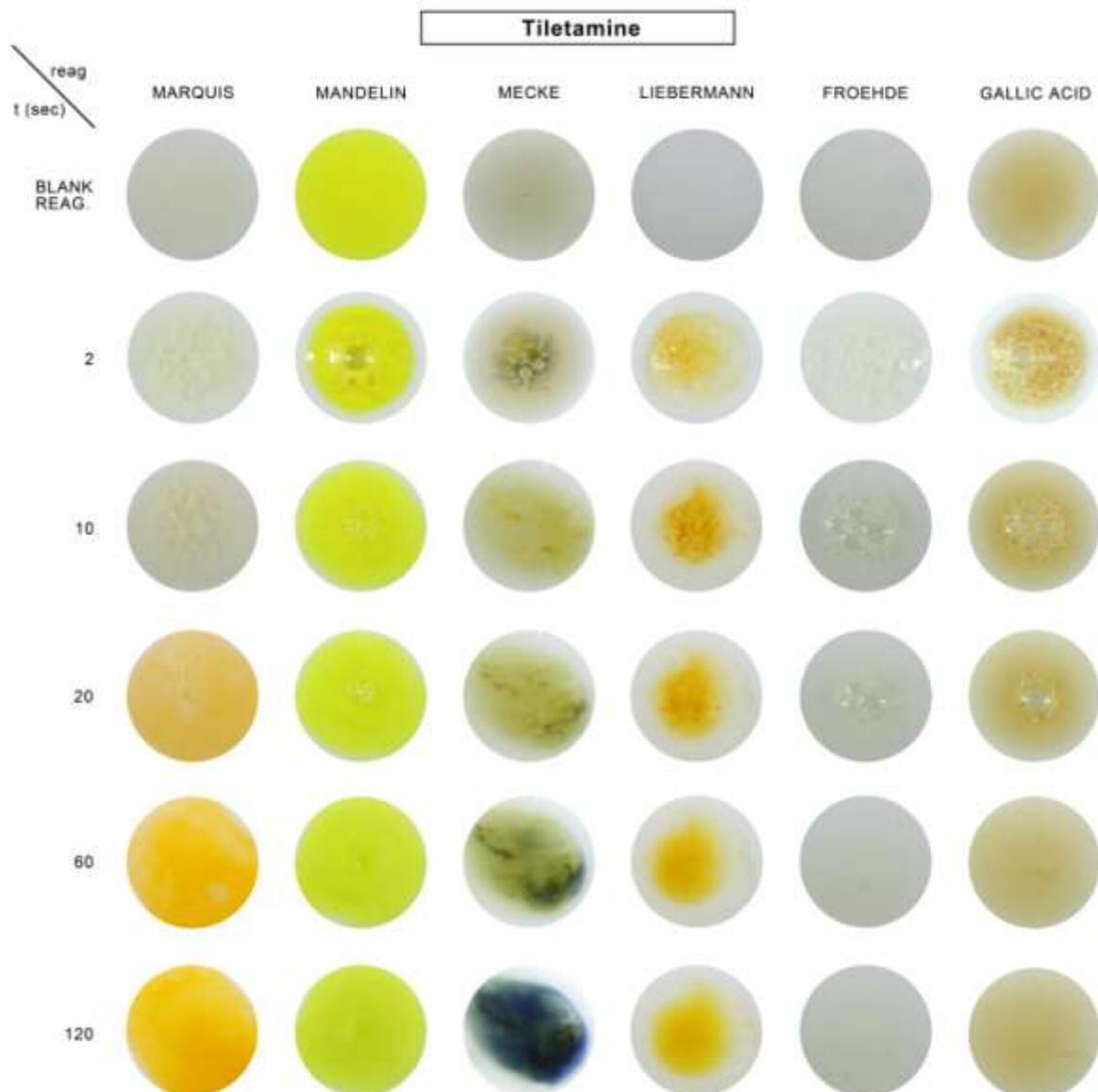
2.10. 5-MeO-DiBF



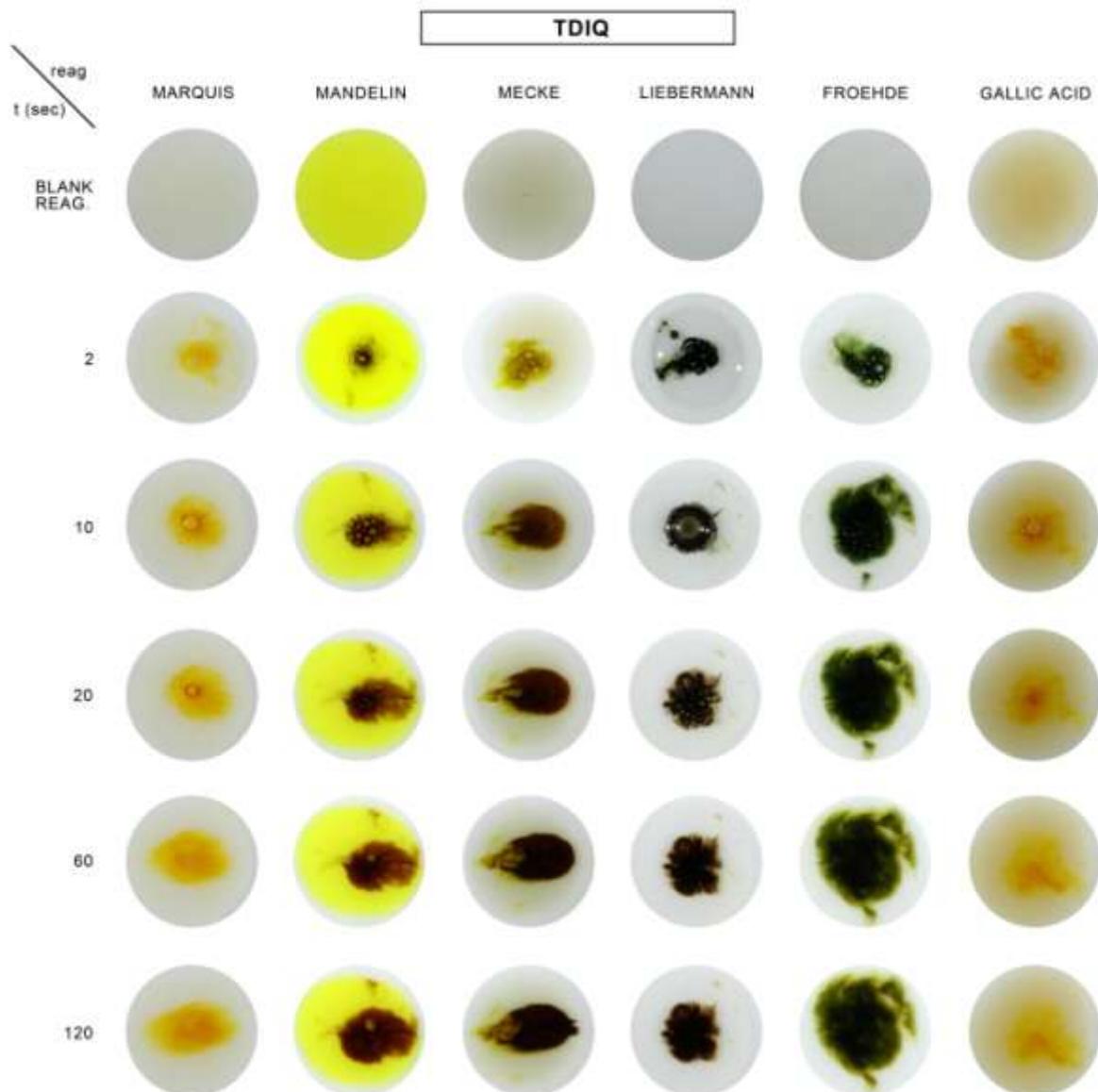
2.11. bk-2C-B



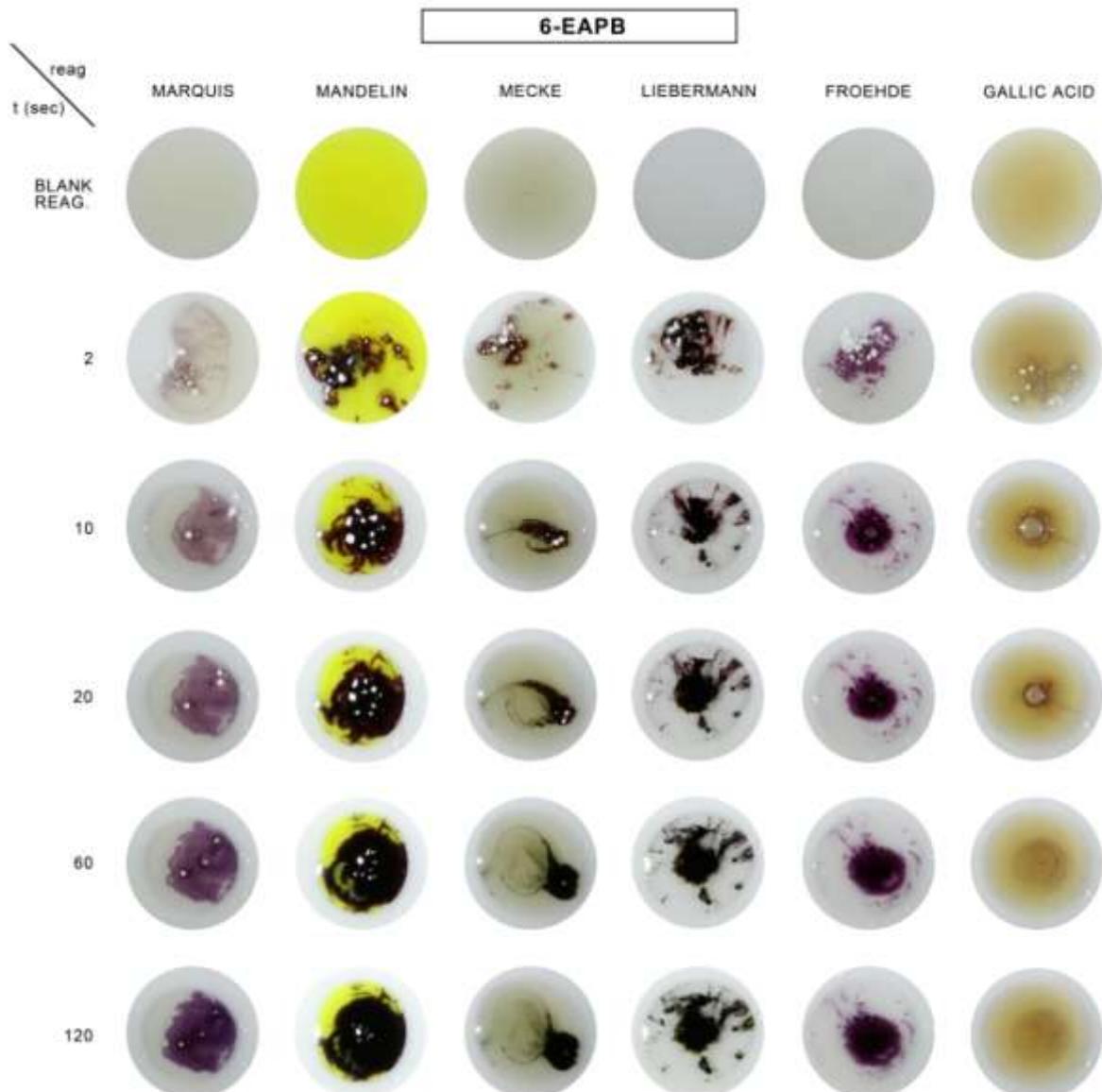
2.12. Tiletamine



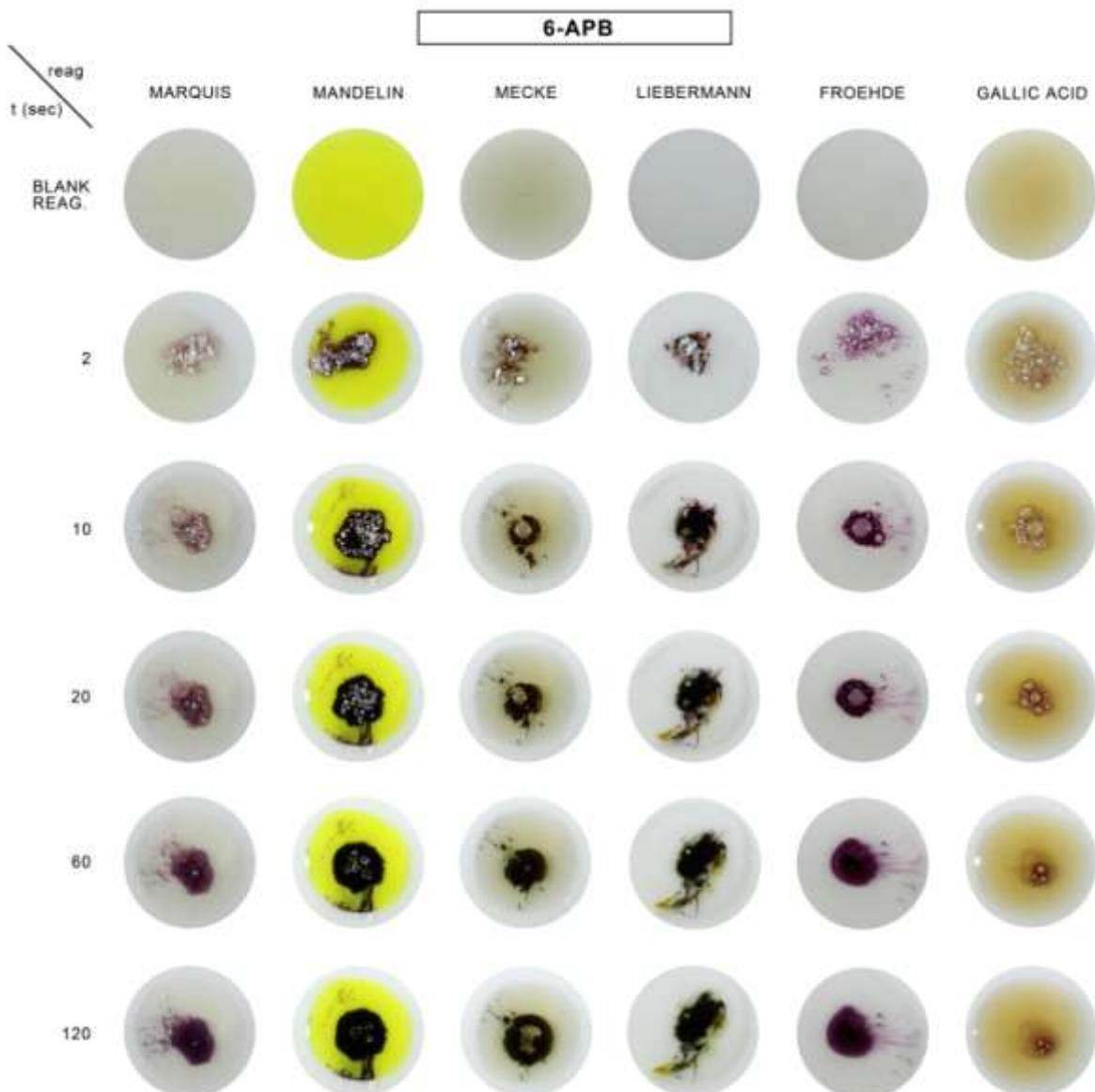
2.13. TDIQ



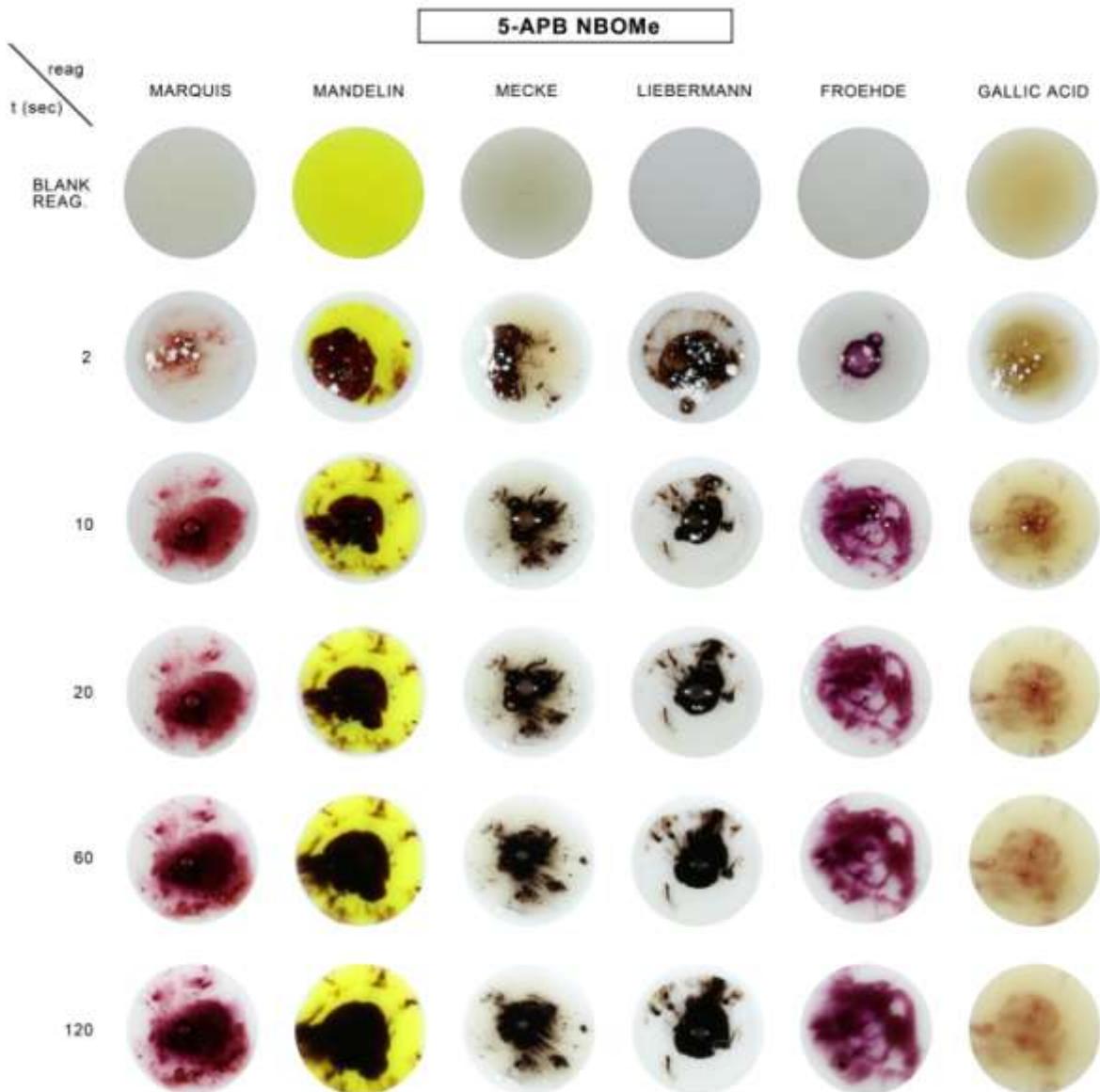
2.14. 6-EAPB



2.15. 6-APB

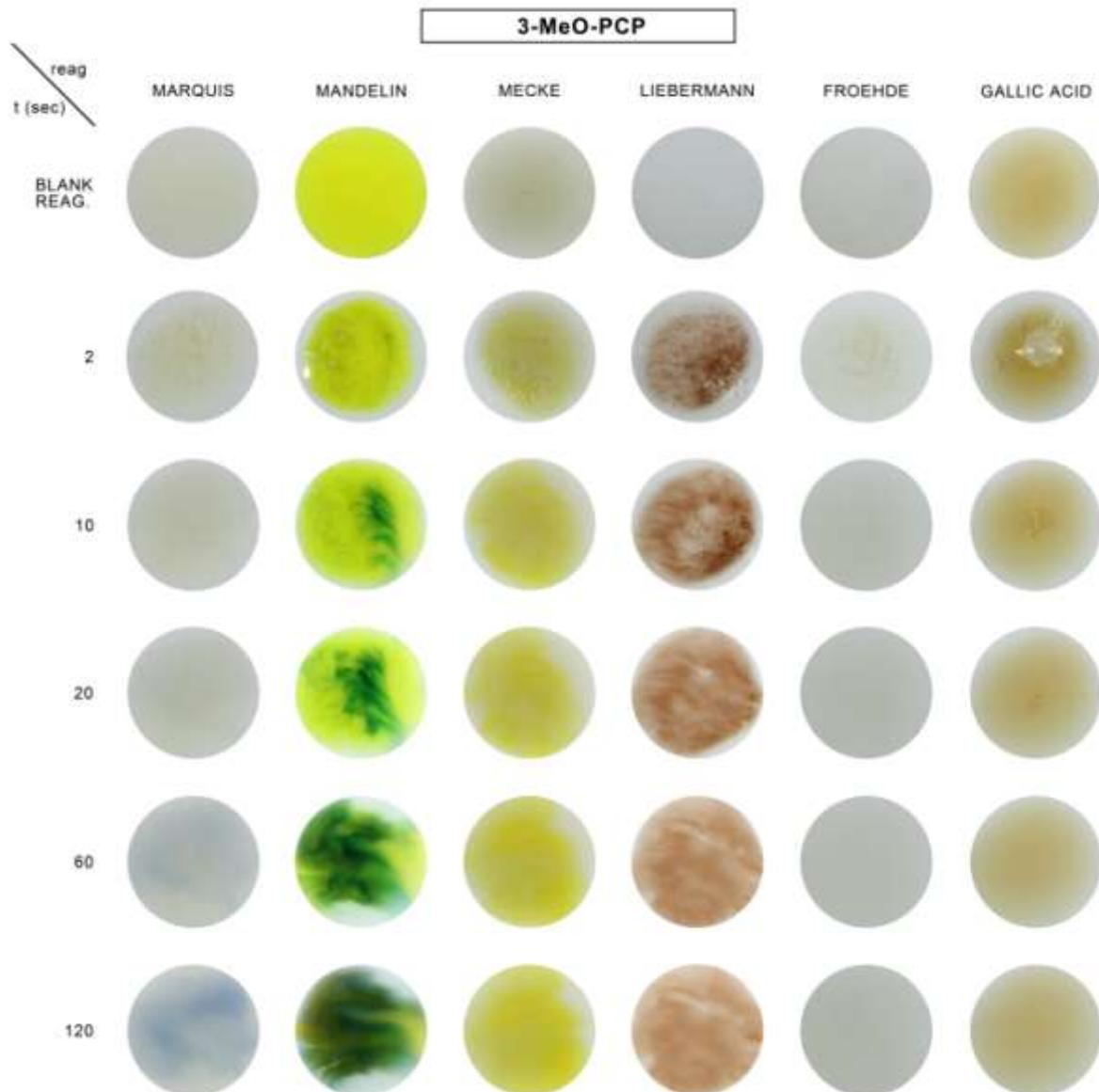


2.16. 5-APB NBOMe

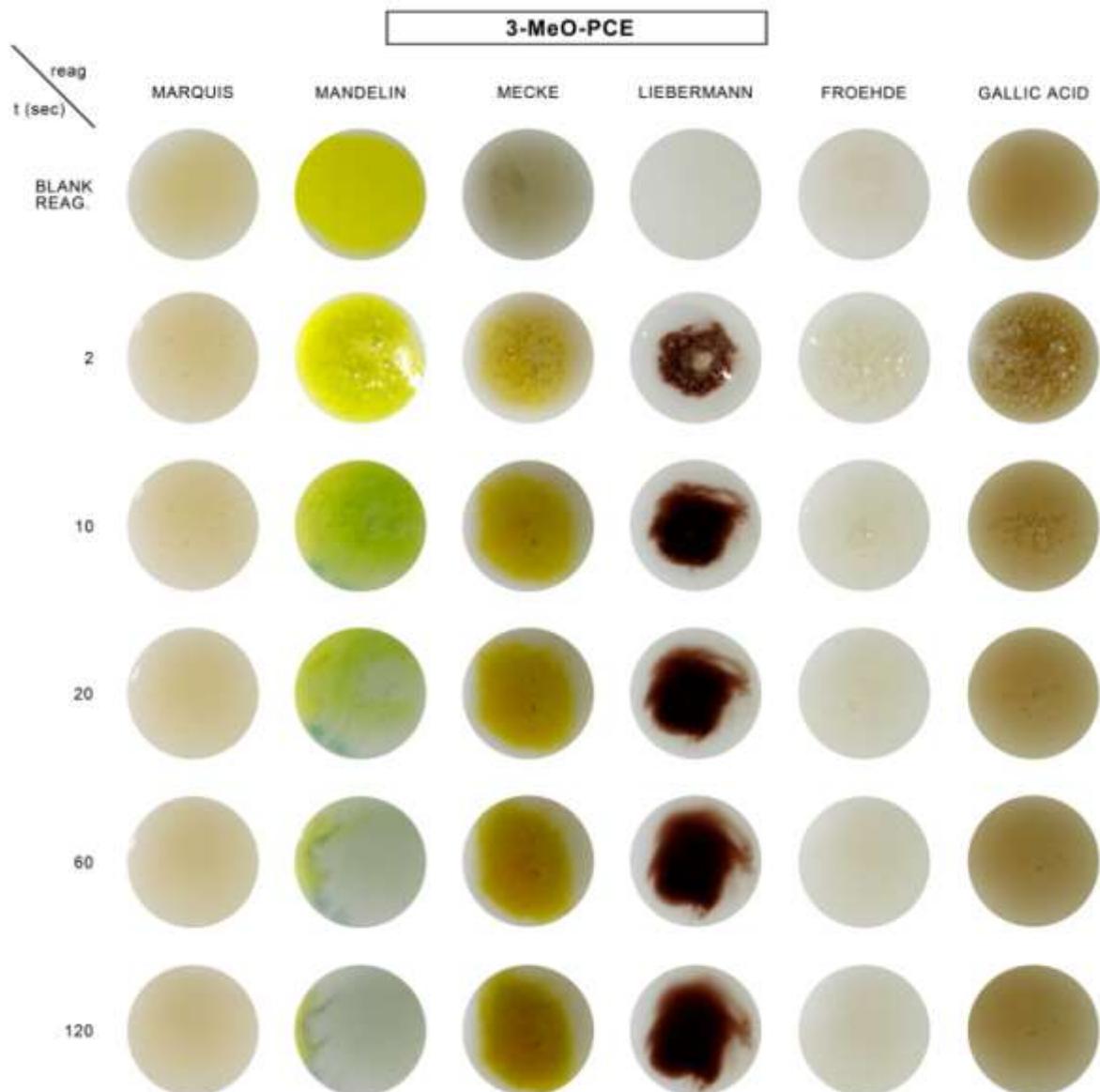


3. Arilcikloheksilamini

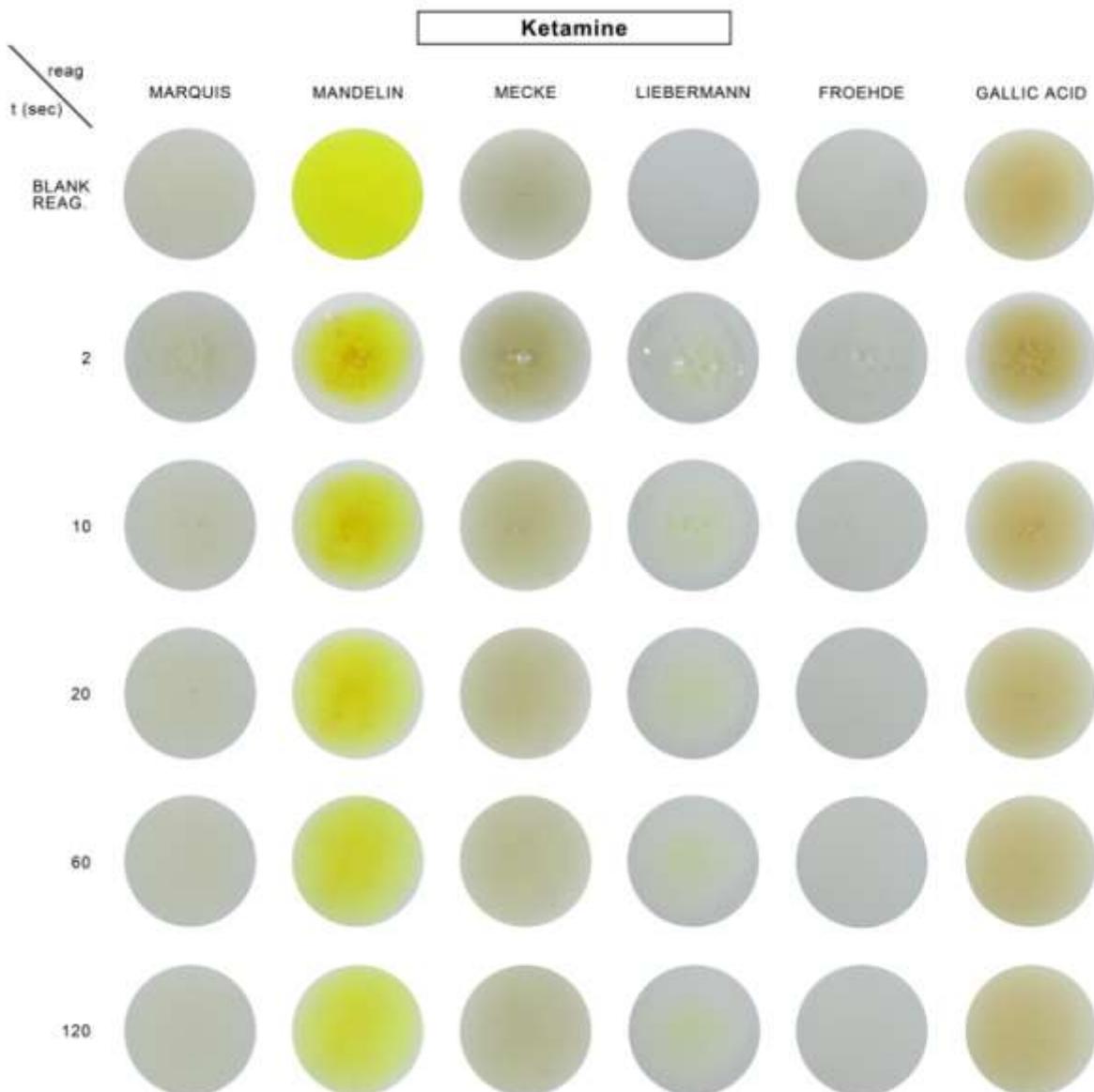
3.1. 3-MeO-PCP



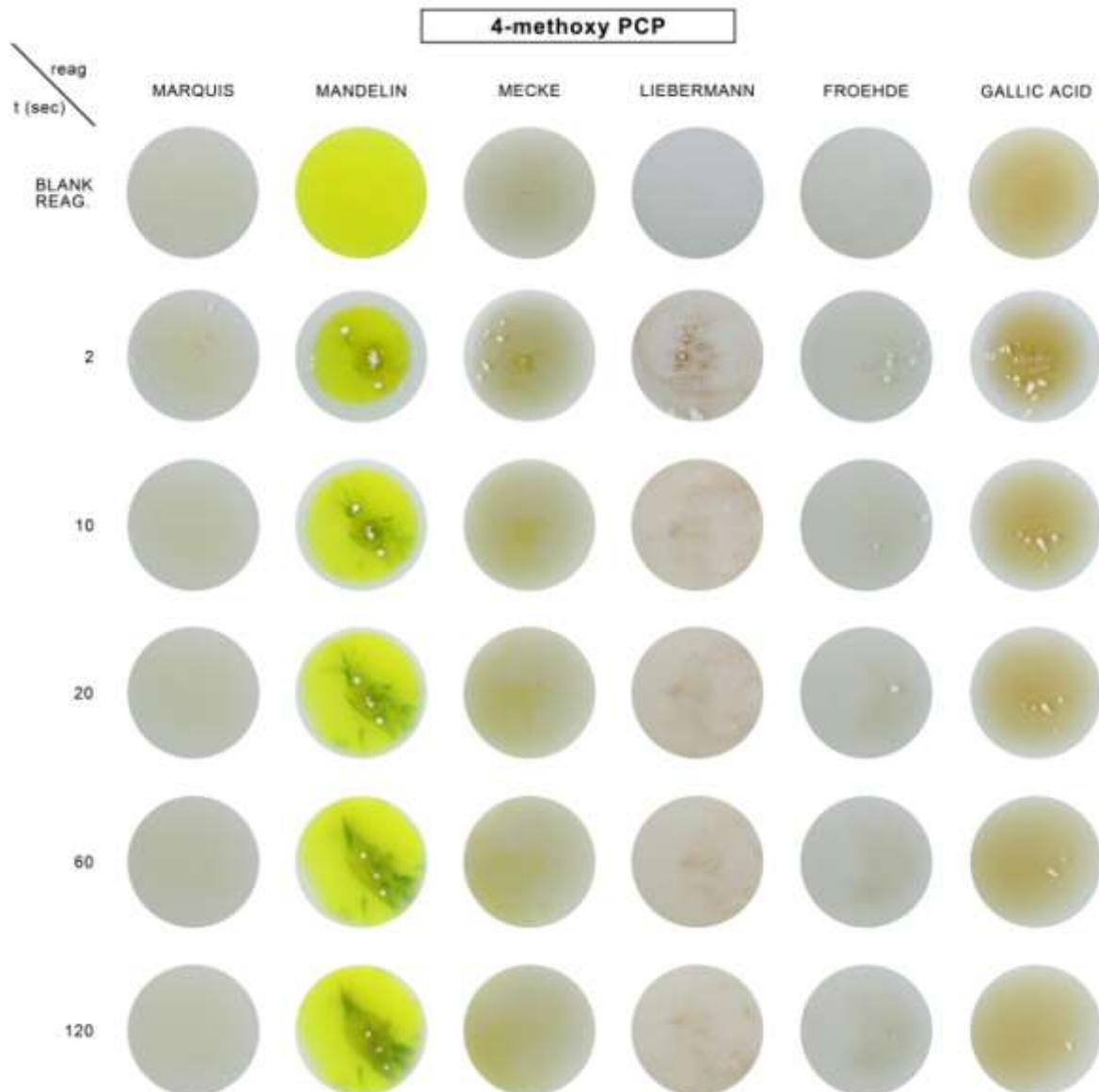
3.2. 3-MeO-PCE



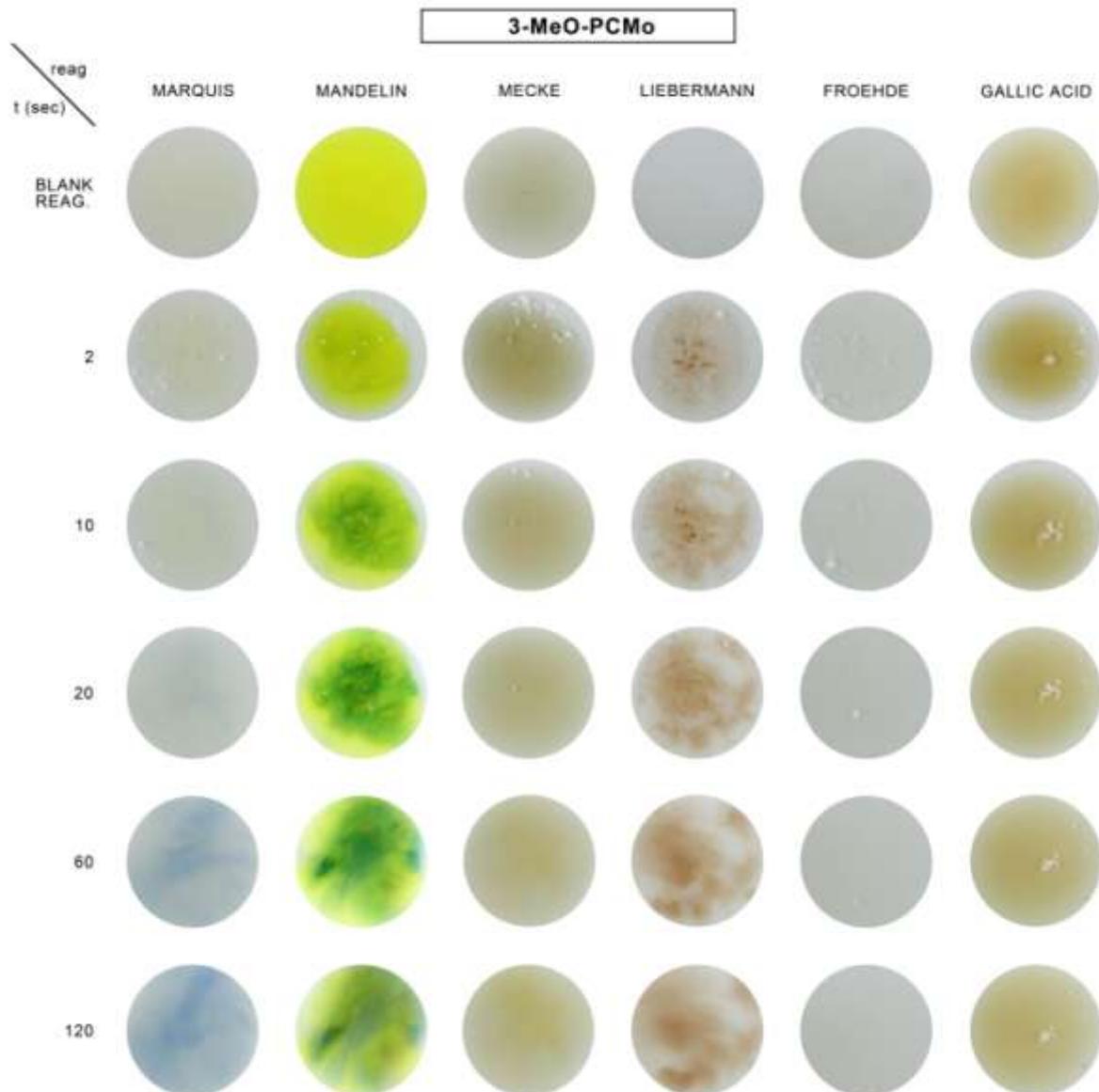
3.3. Ketamine



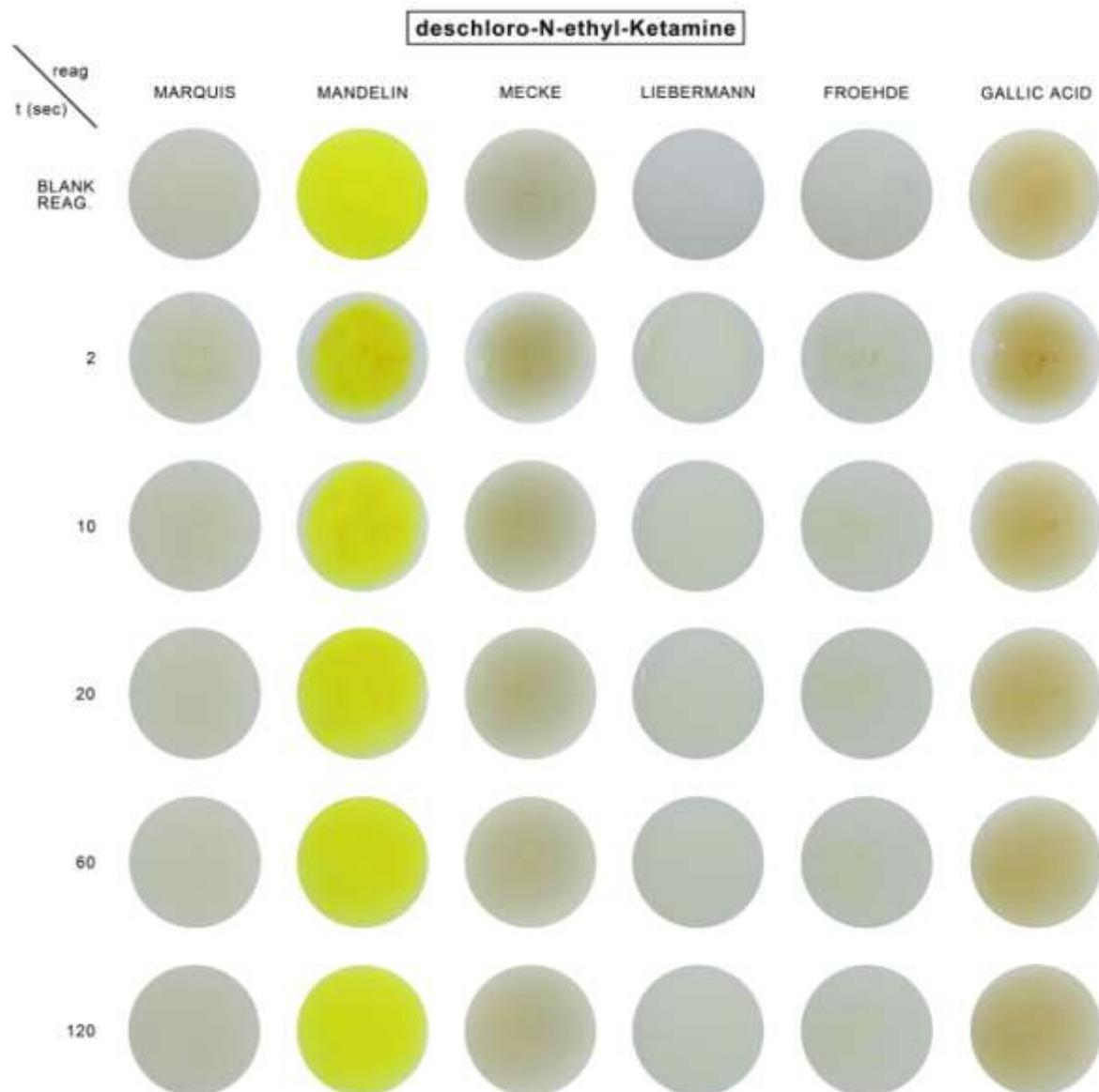
3.4. 4-methoxy PCP



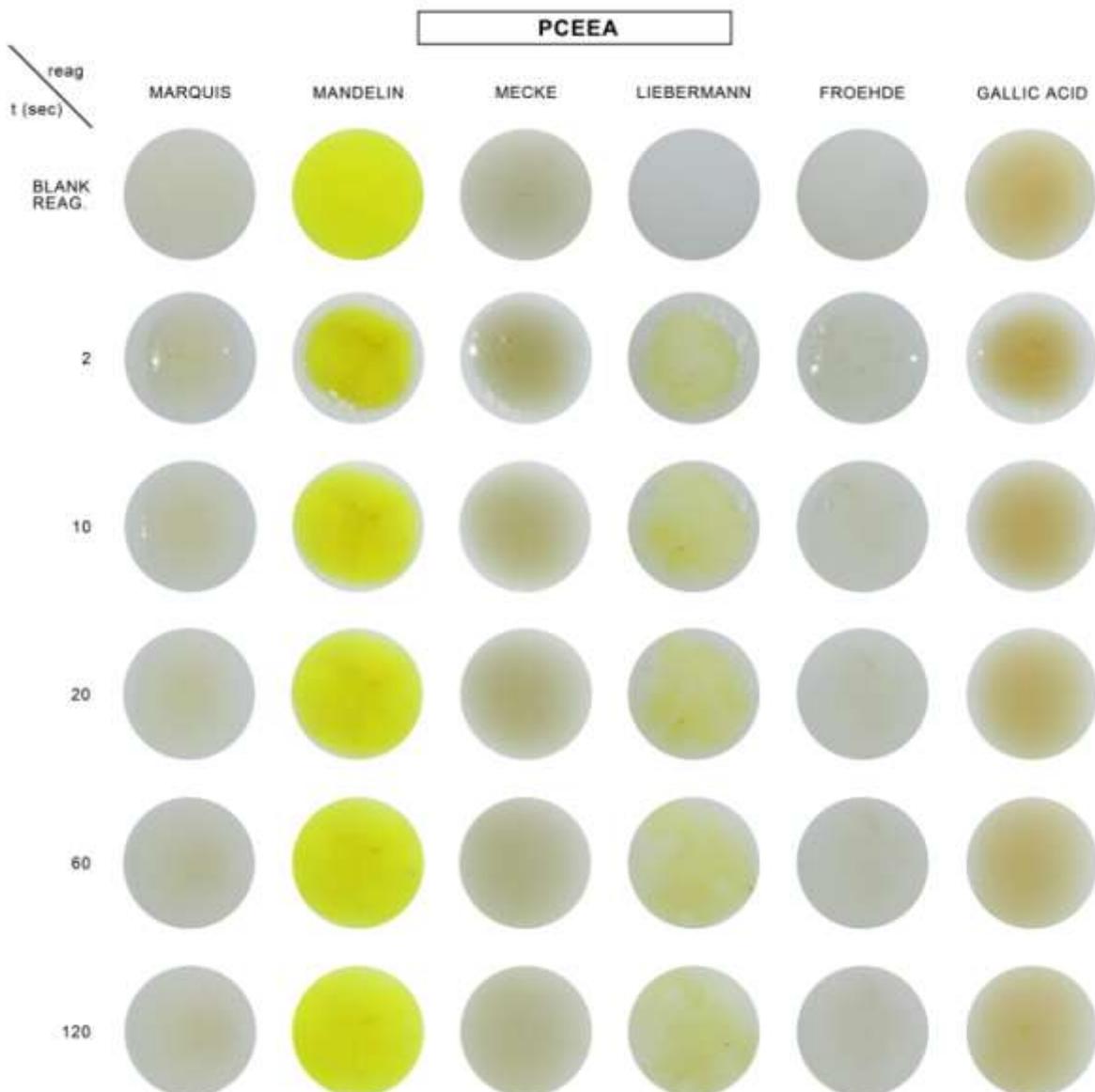
3.5. 3-MeO-PCMo



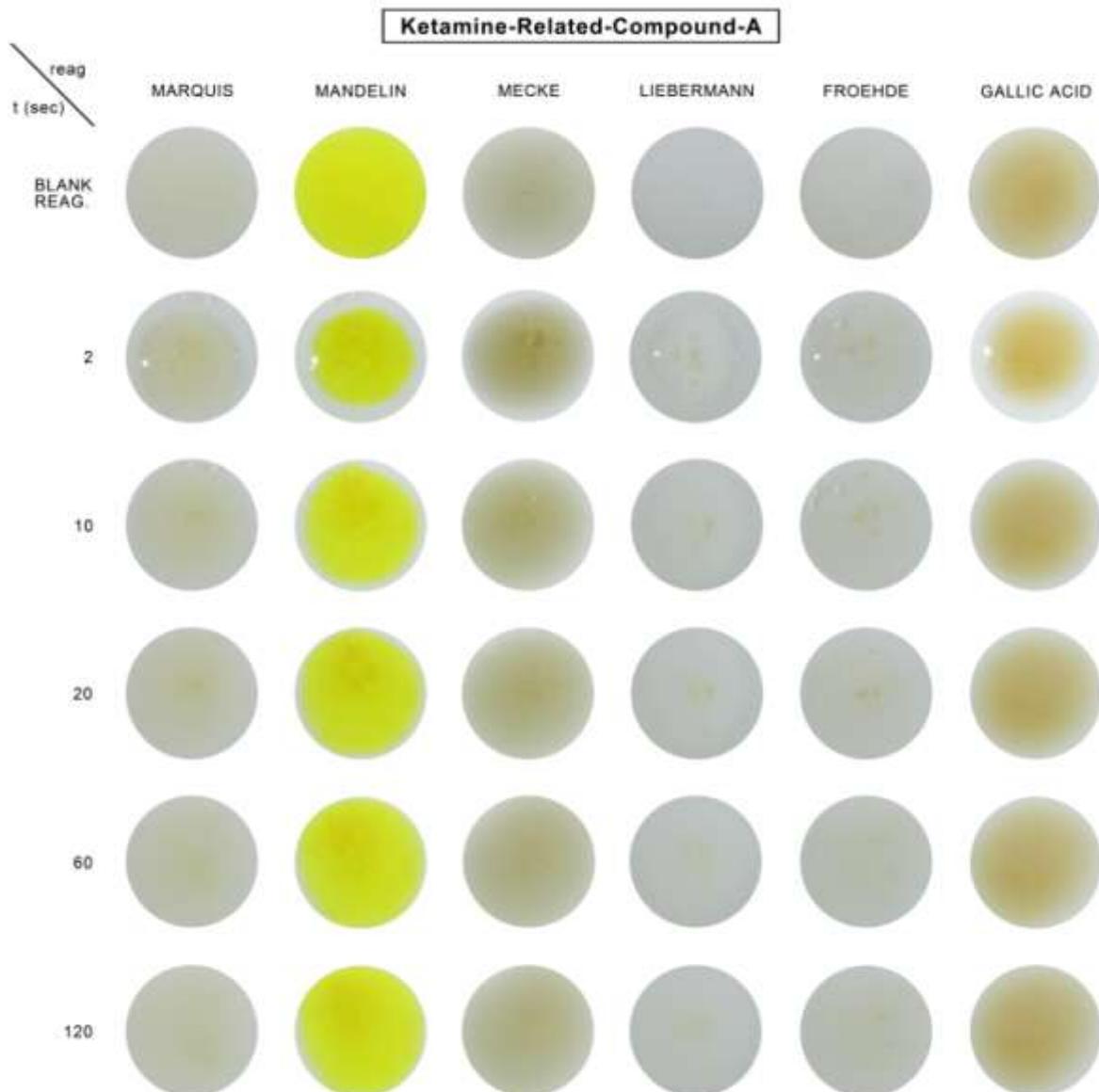
3.6. deschloro-N-ethyl-Ketamine



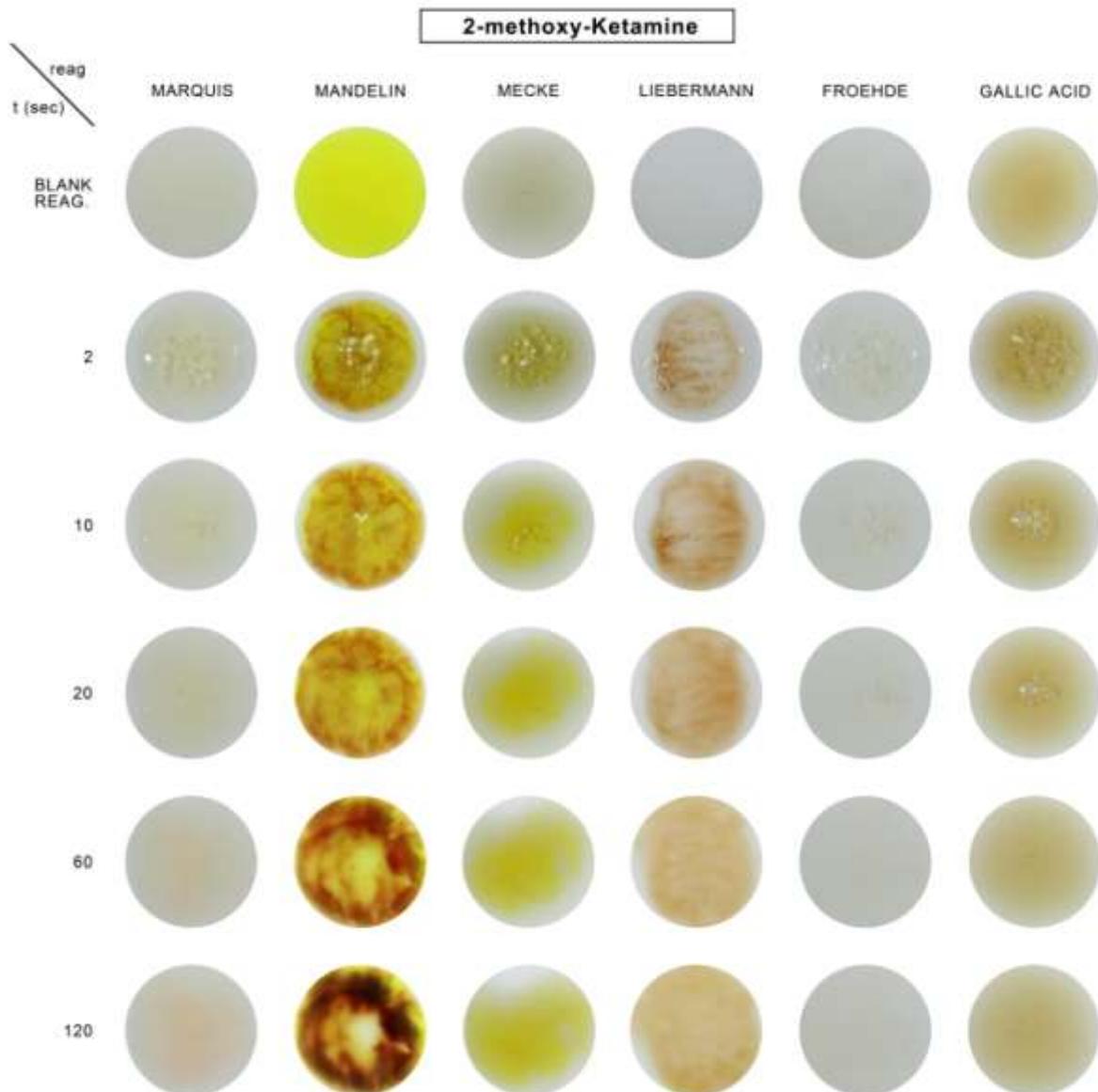
3.7. PCEEA



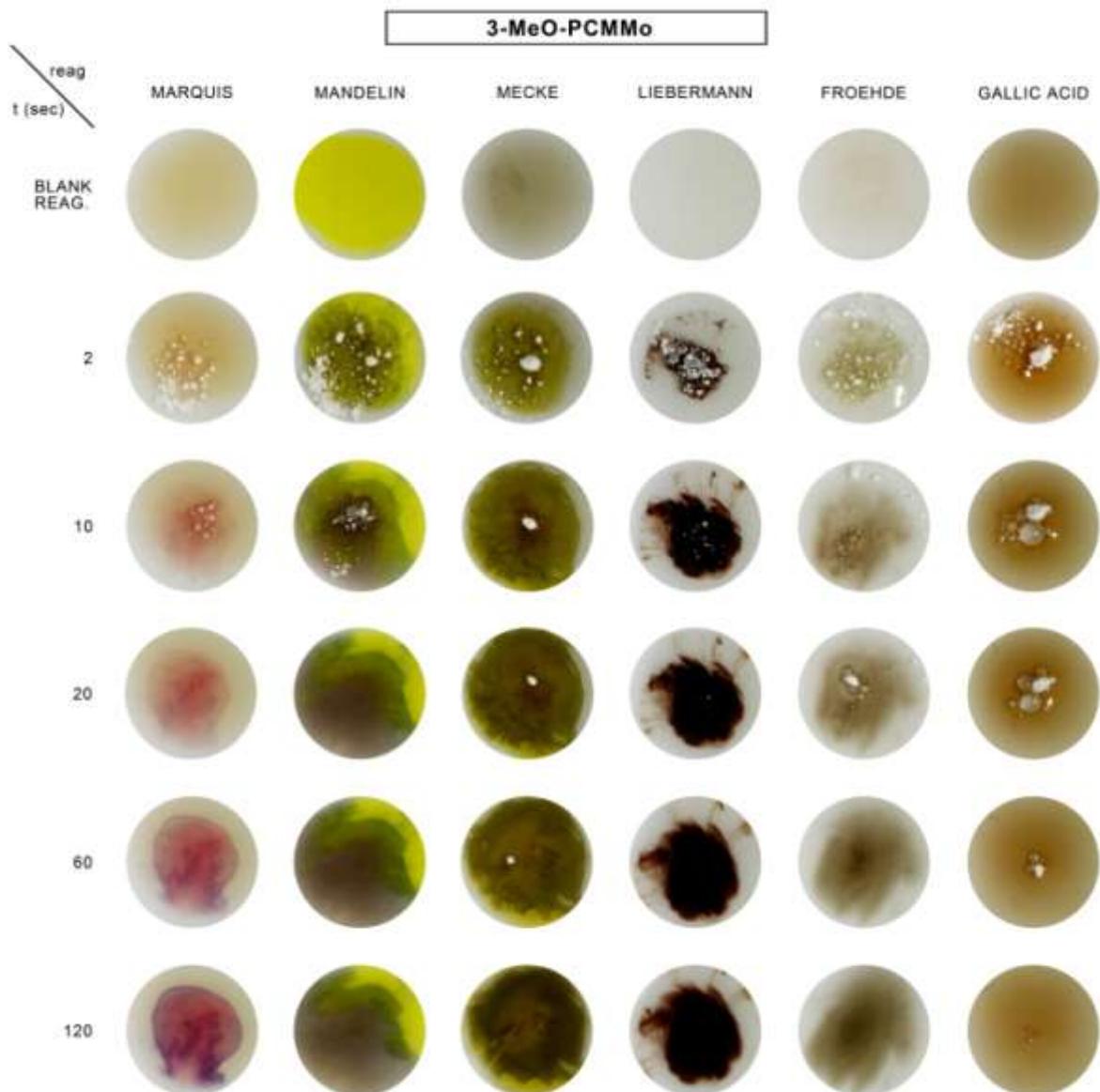
3.8. Ketamine-Related-Compound-A



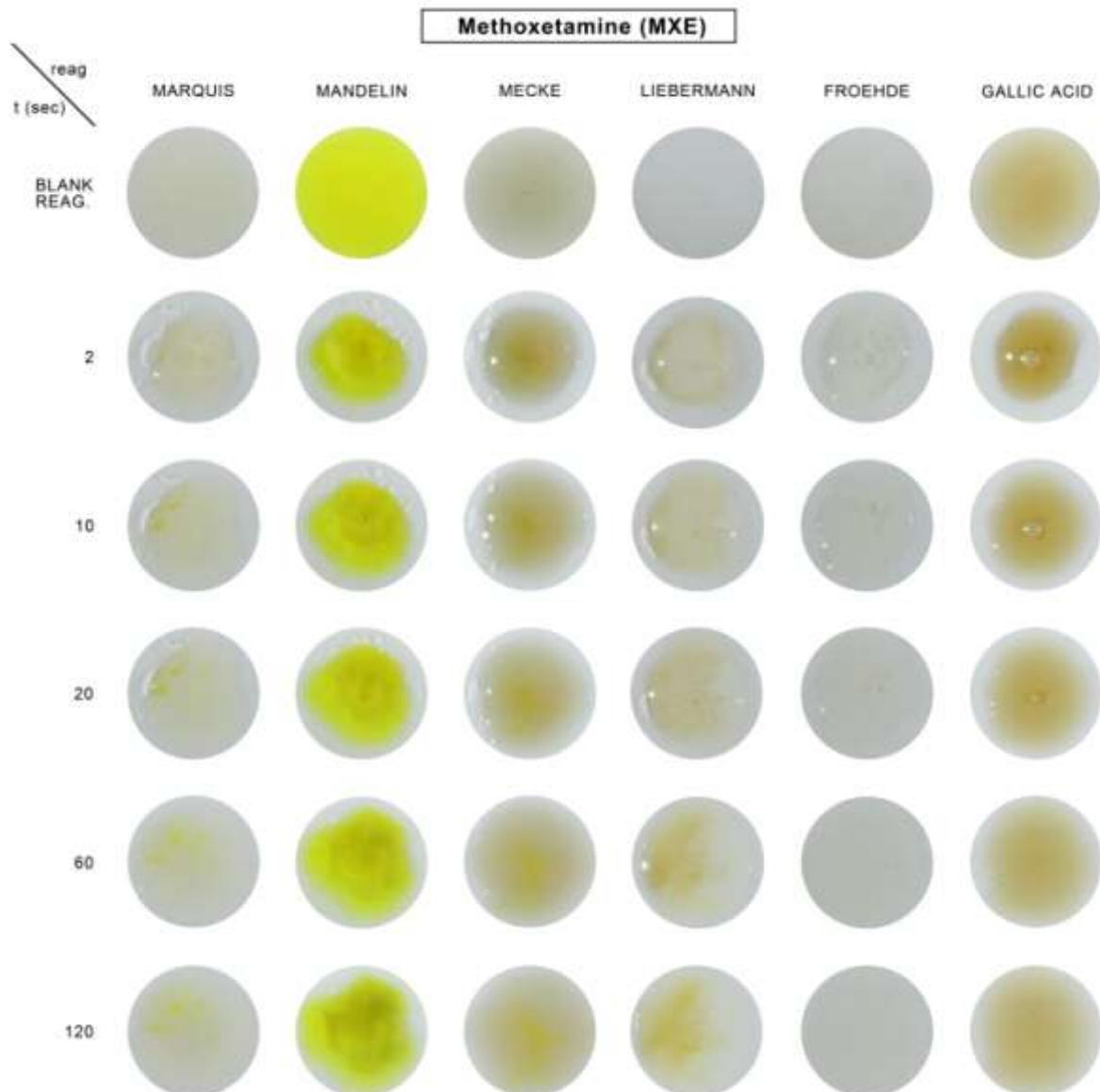
3.9. 2-methoxy-Ketamine



3.10. 3-MeO-PCMMo

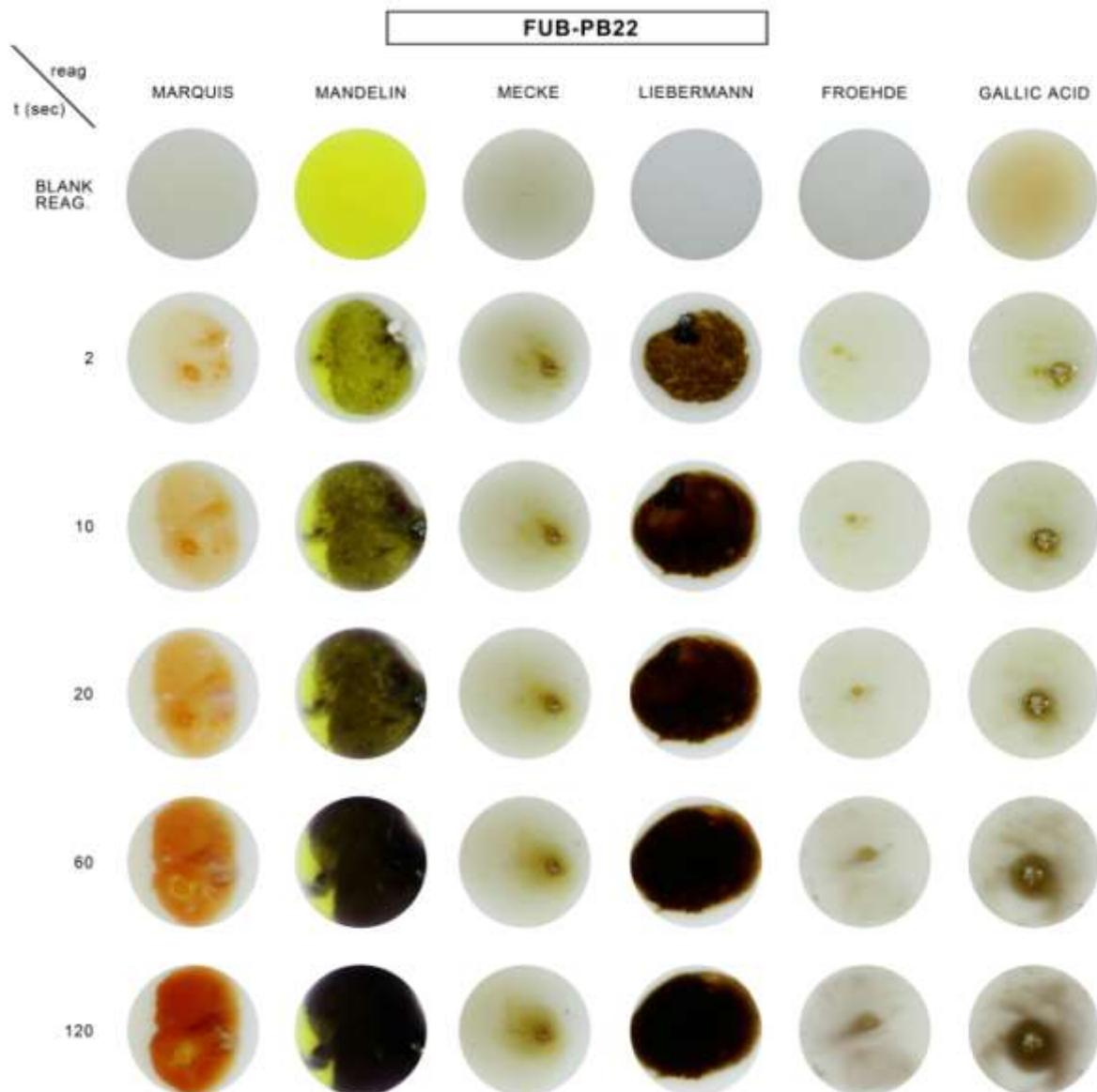


3.11. Methoxetamine (MXE)

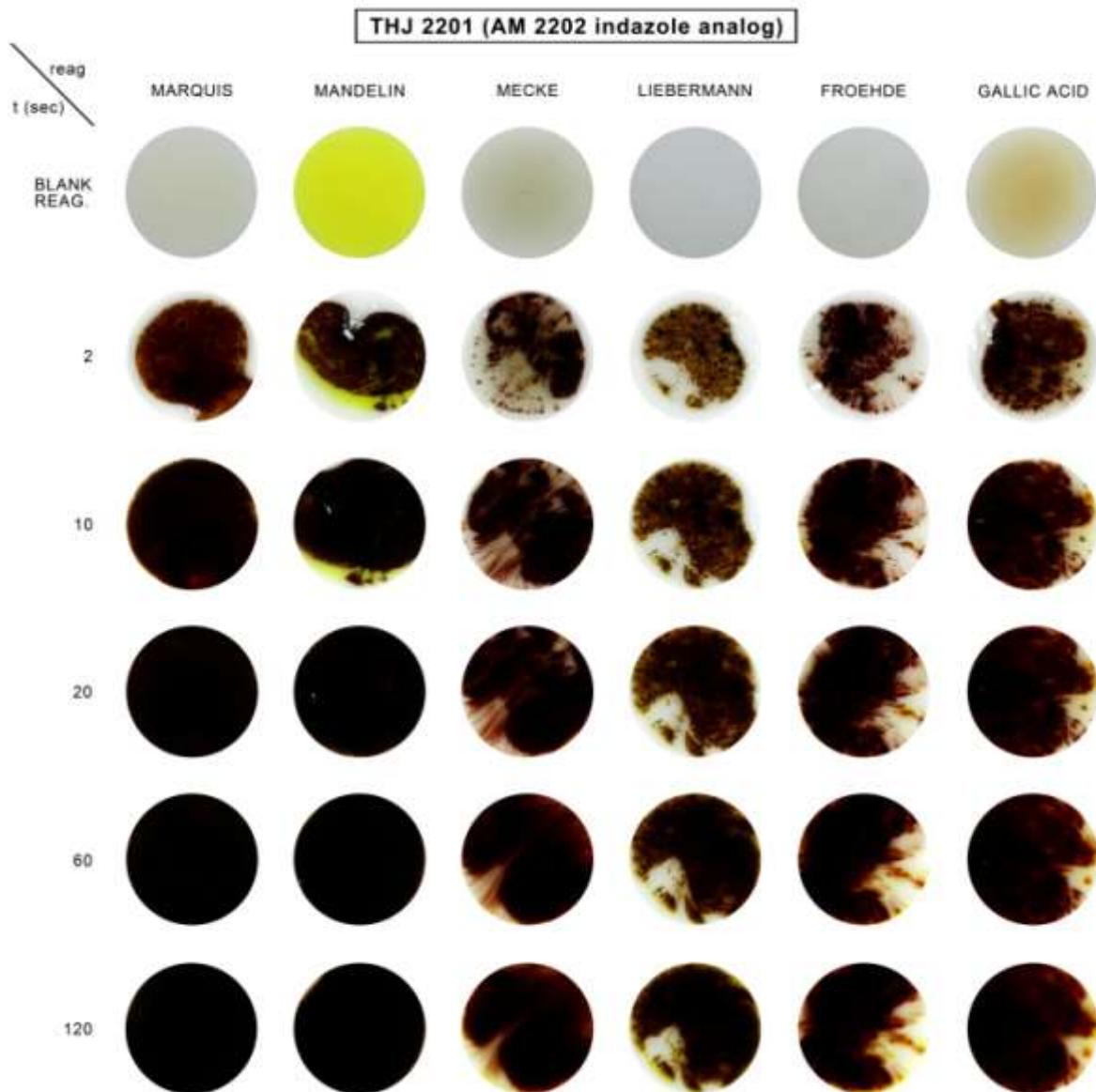


4. Kanabinoidi

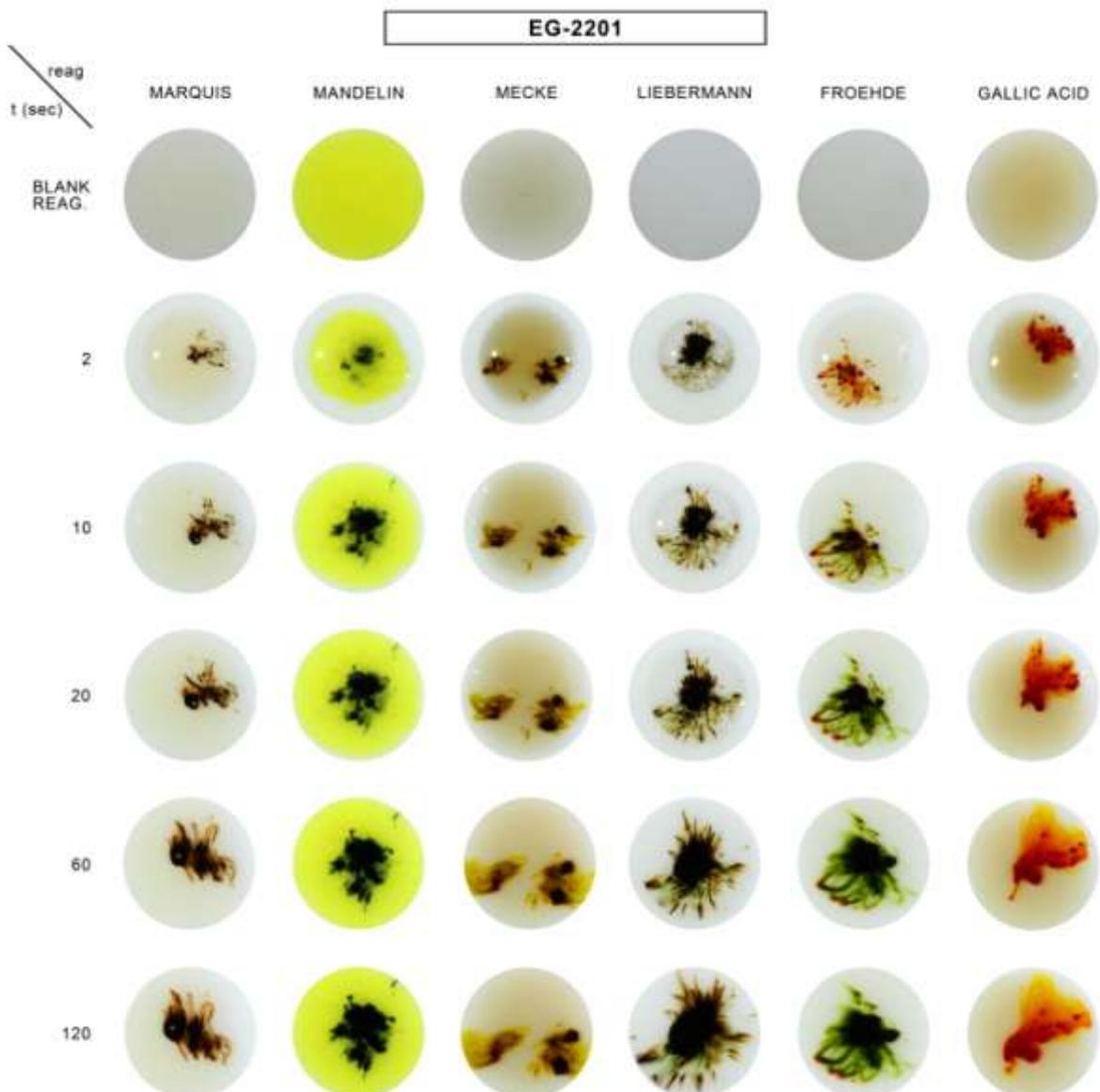
4.1. FUB-PB22



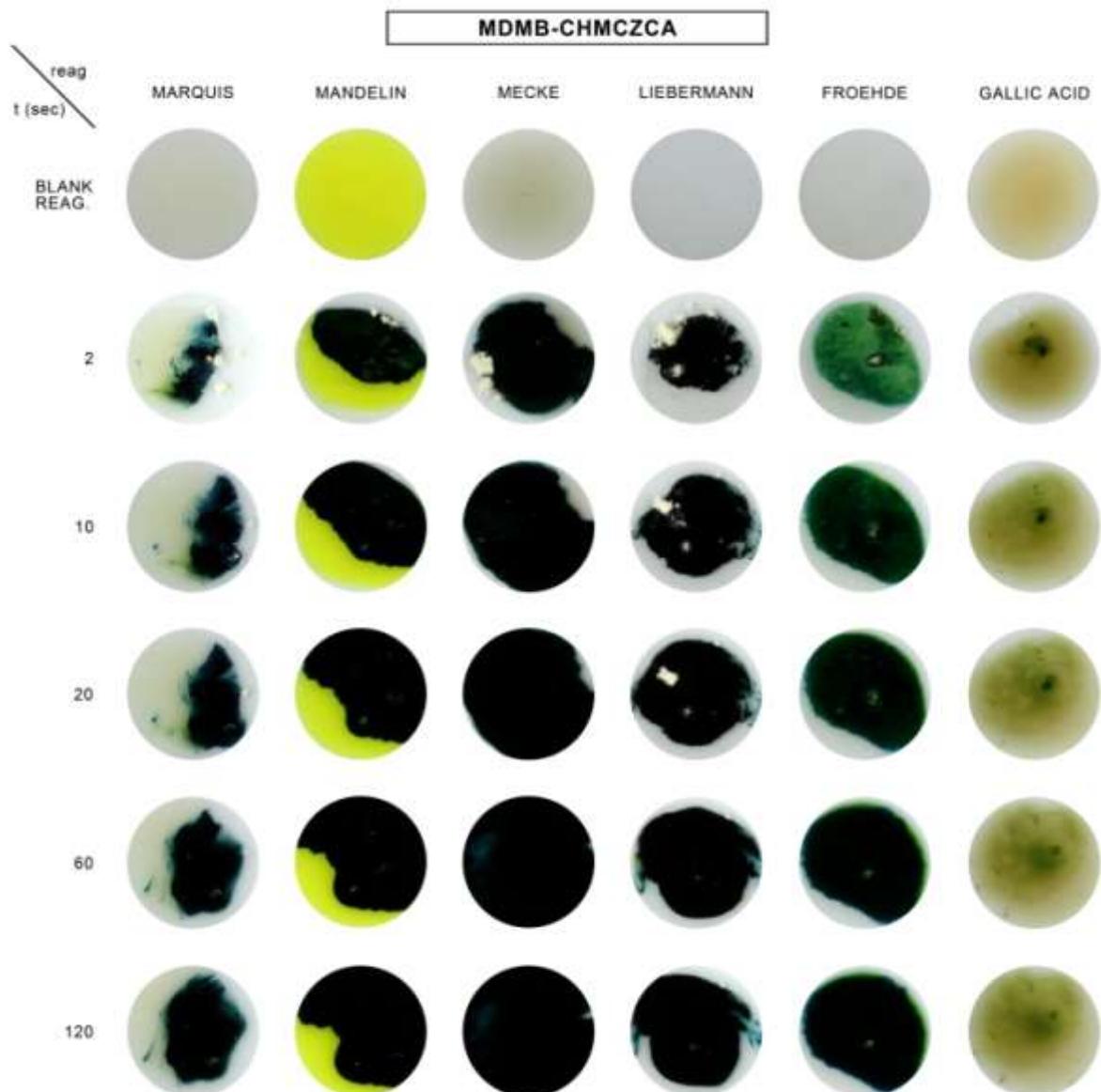
4.2. THJ 2201 (AM 2202 indazole analog)



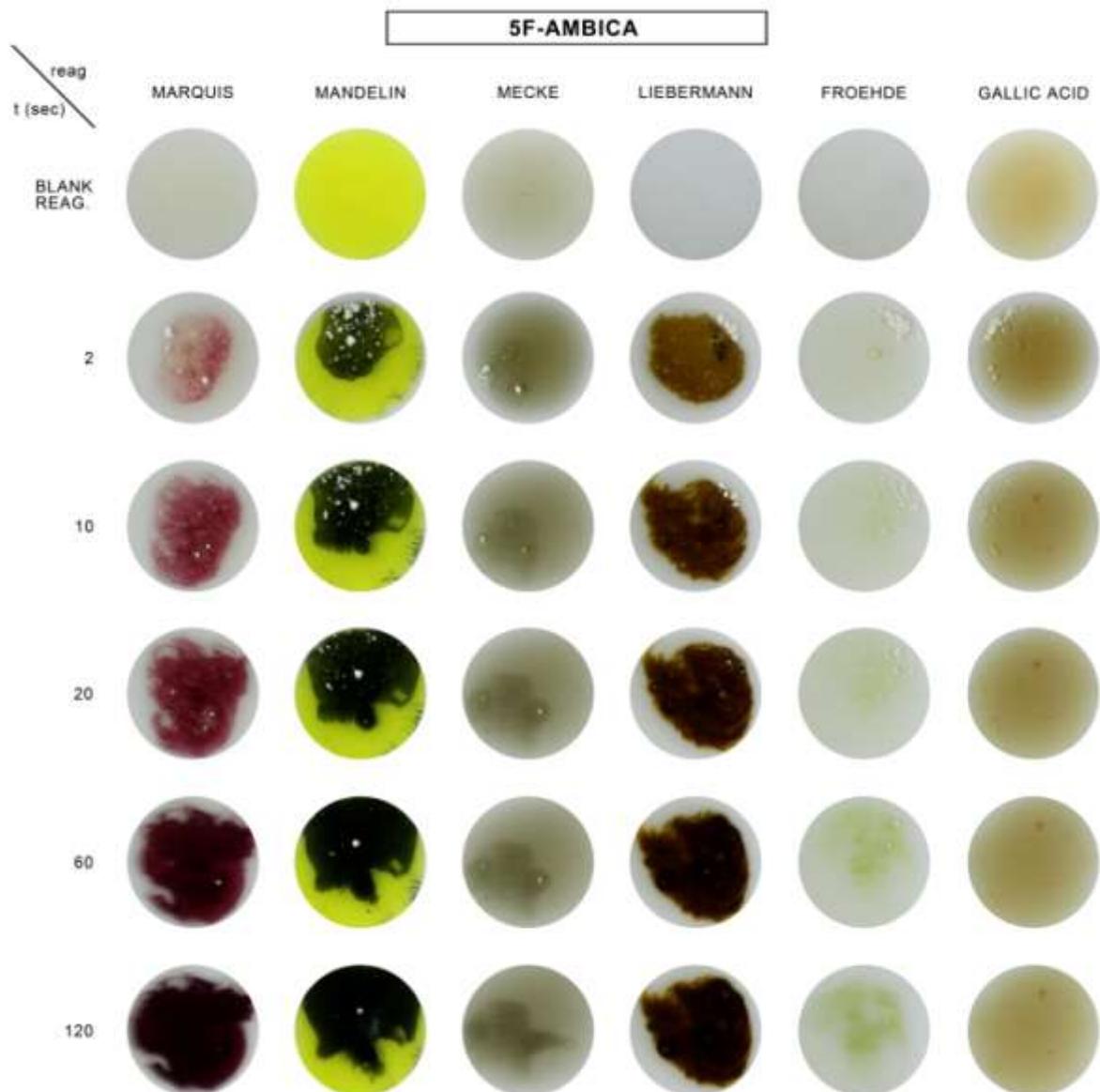
4.3. EG-2201



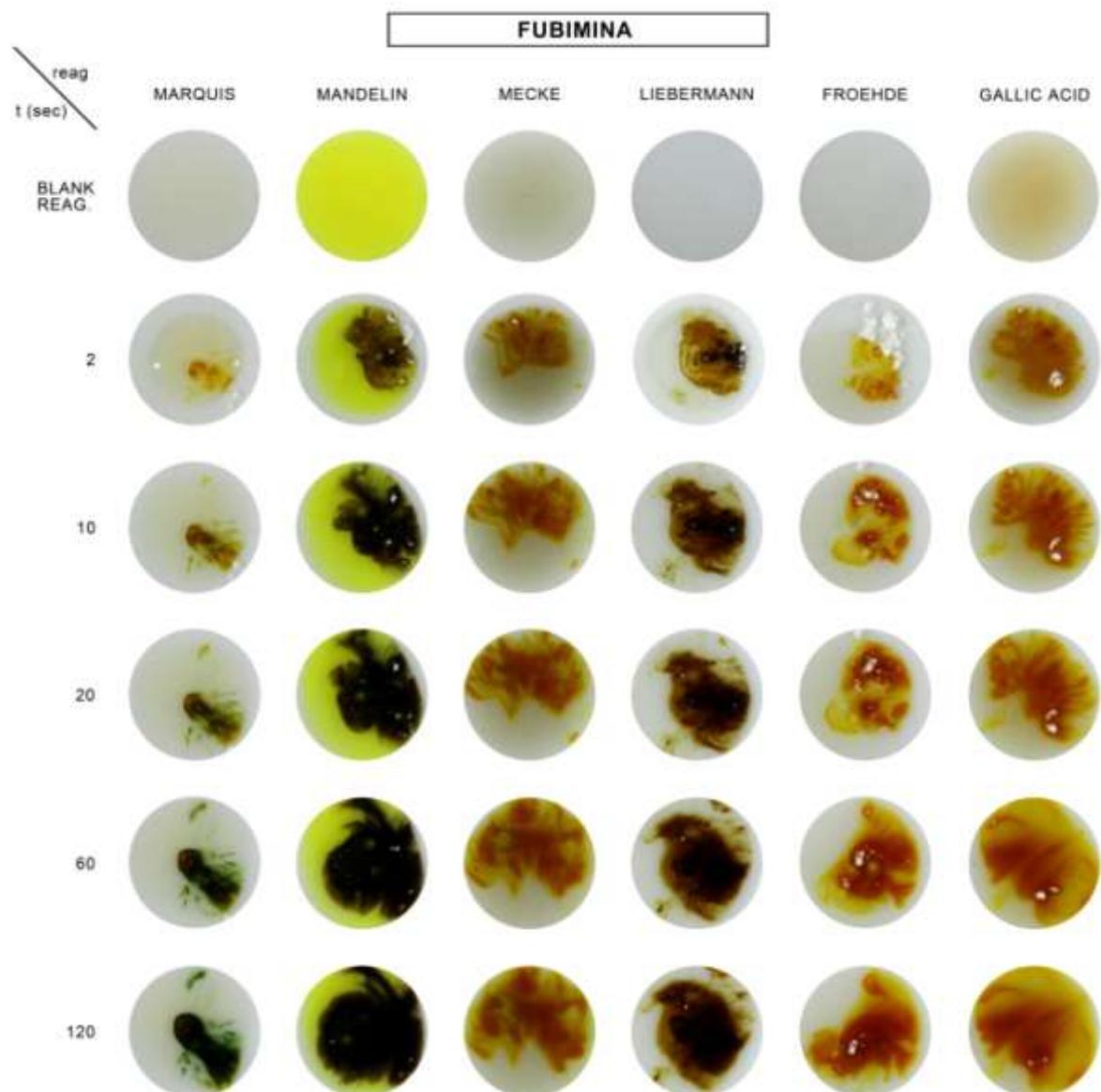
4.4. MDMB-CHMCZCA



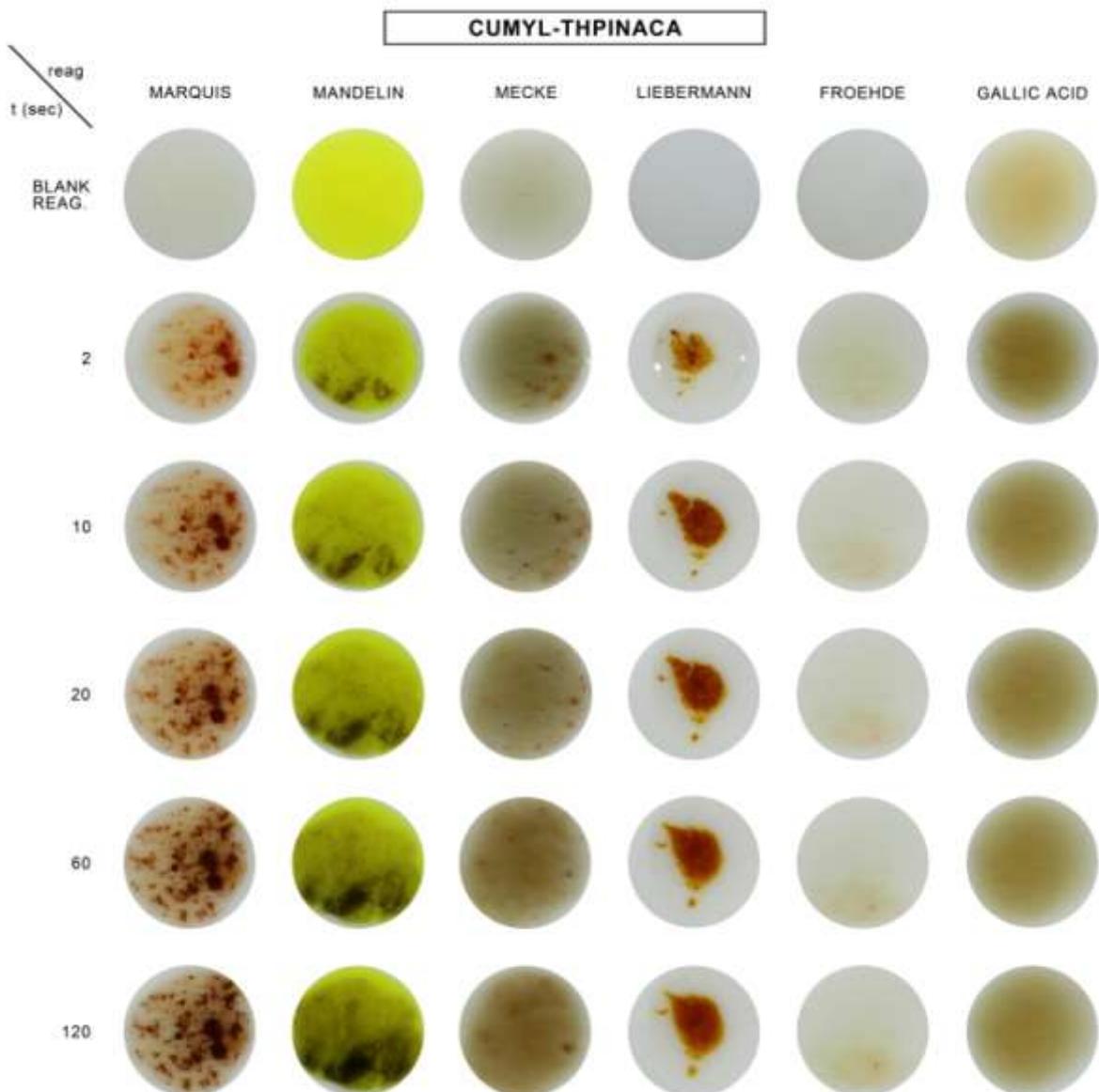
4.5. 5F-AMBICA



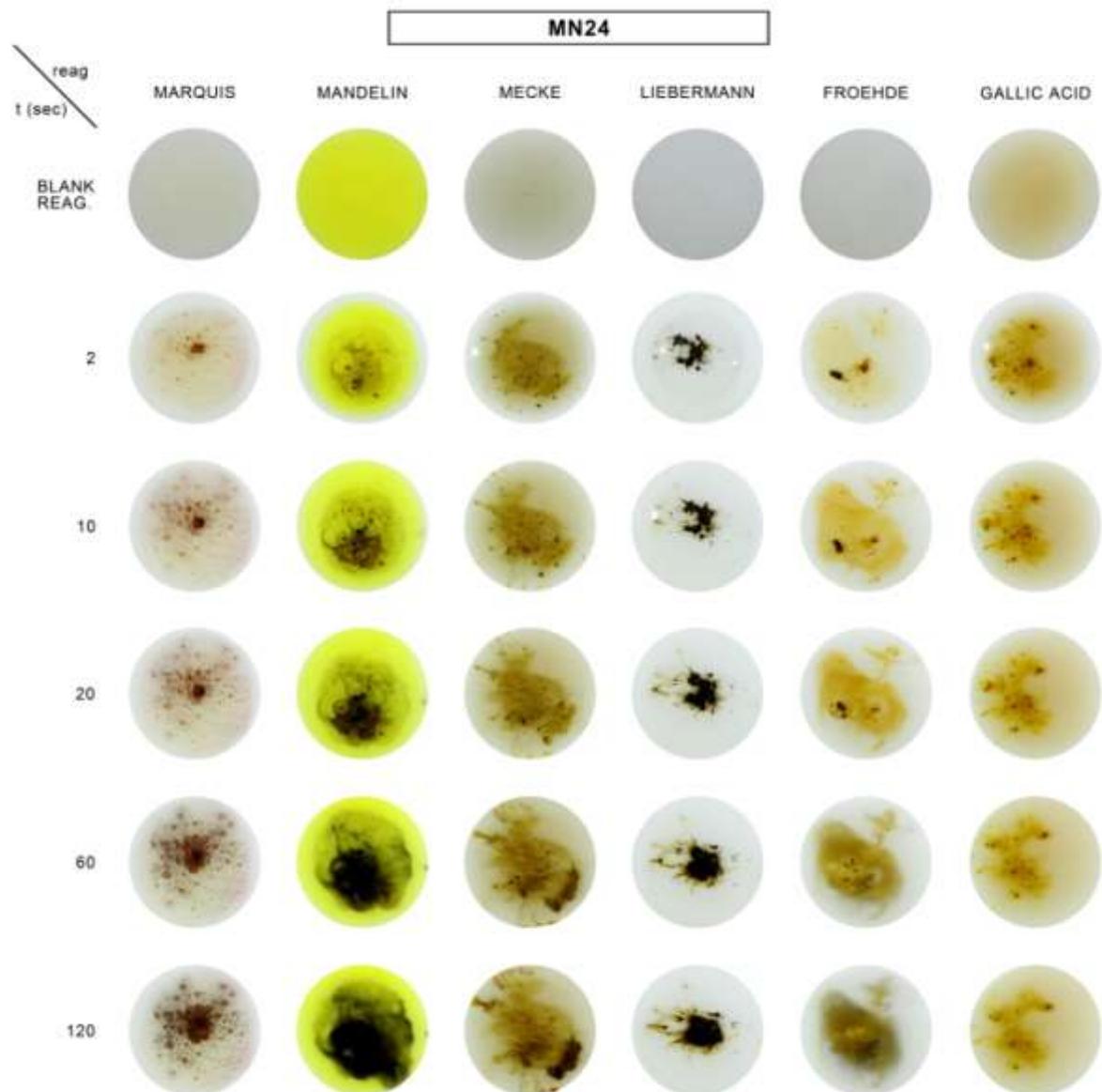
4.6. FUBIMINA



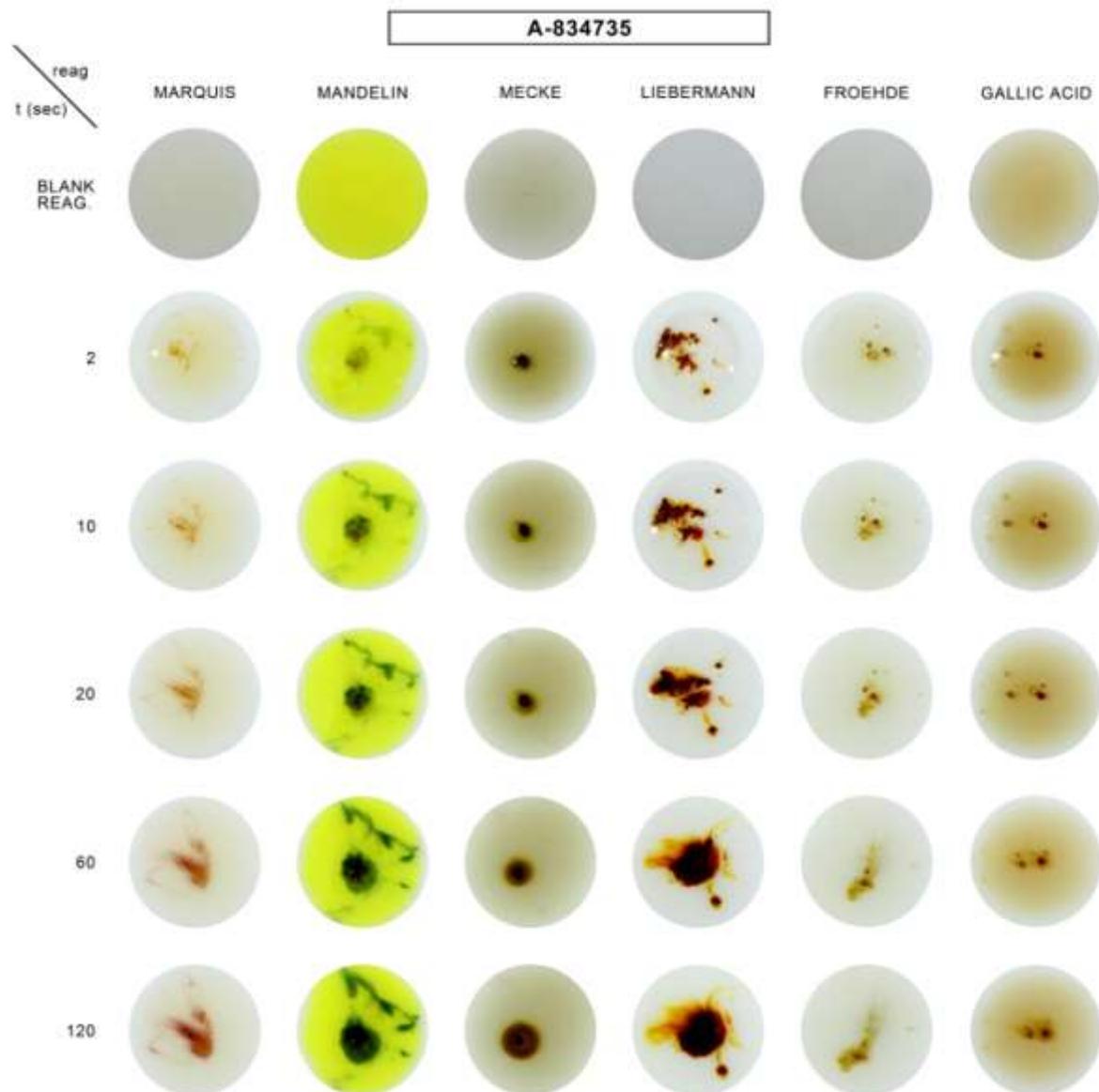
4.7. CUMYL-THPINACA



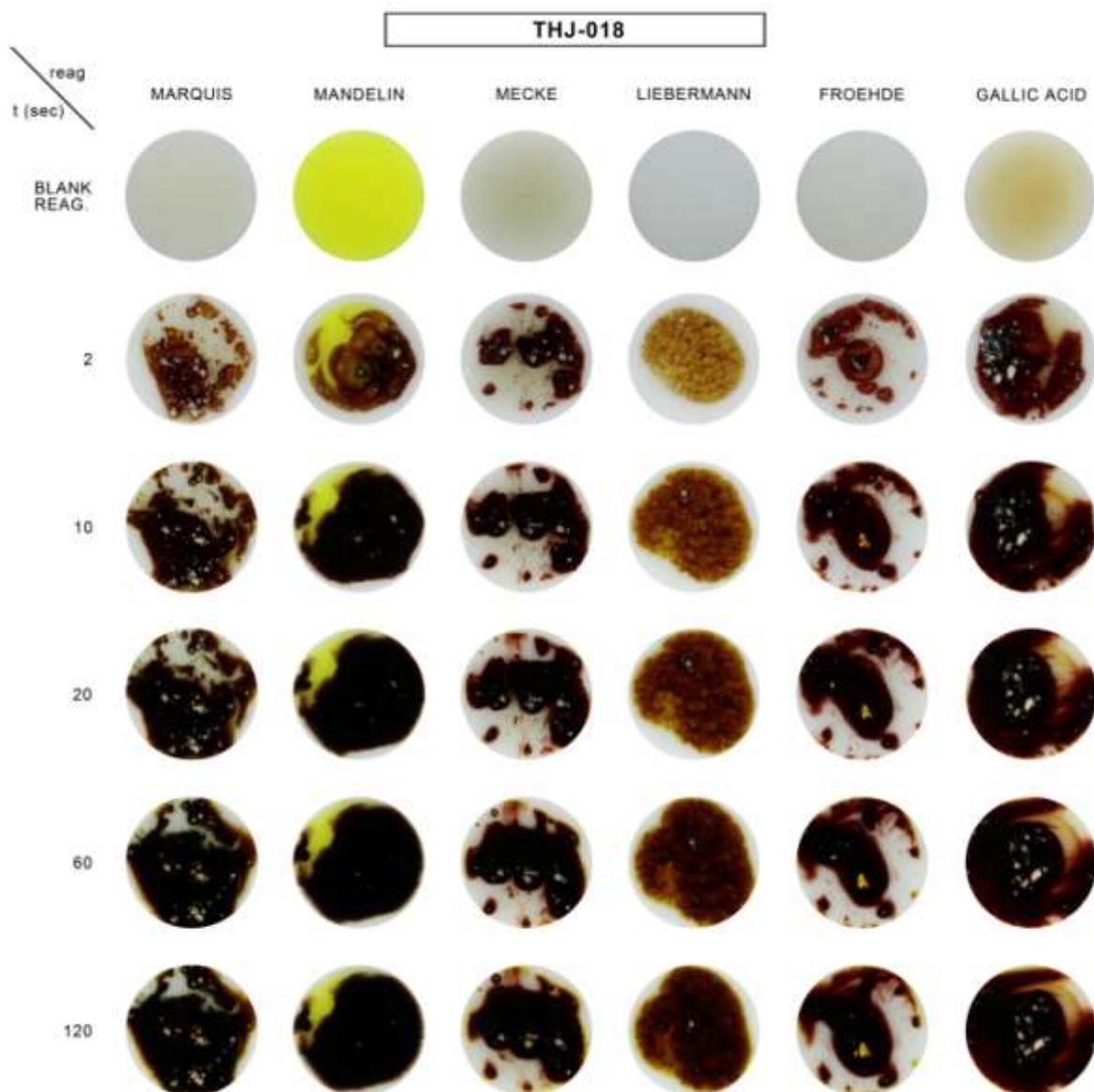
4.8. MN24



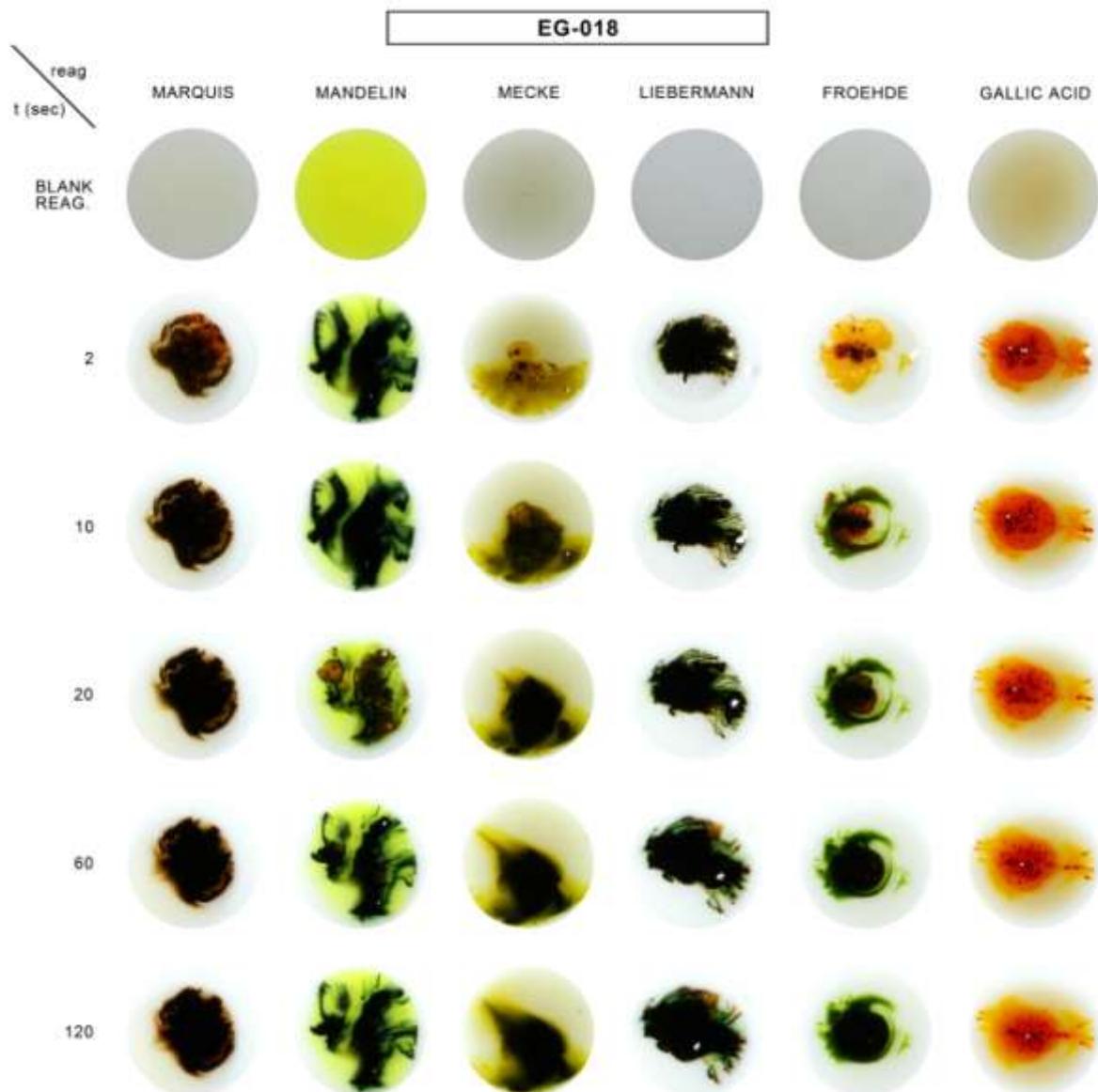
4.9.A-834735



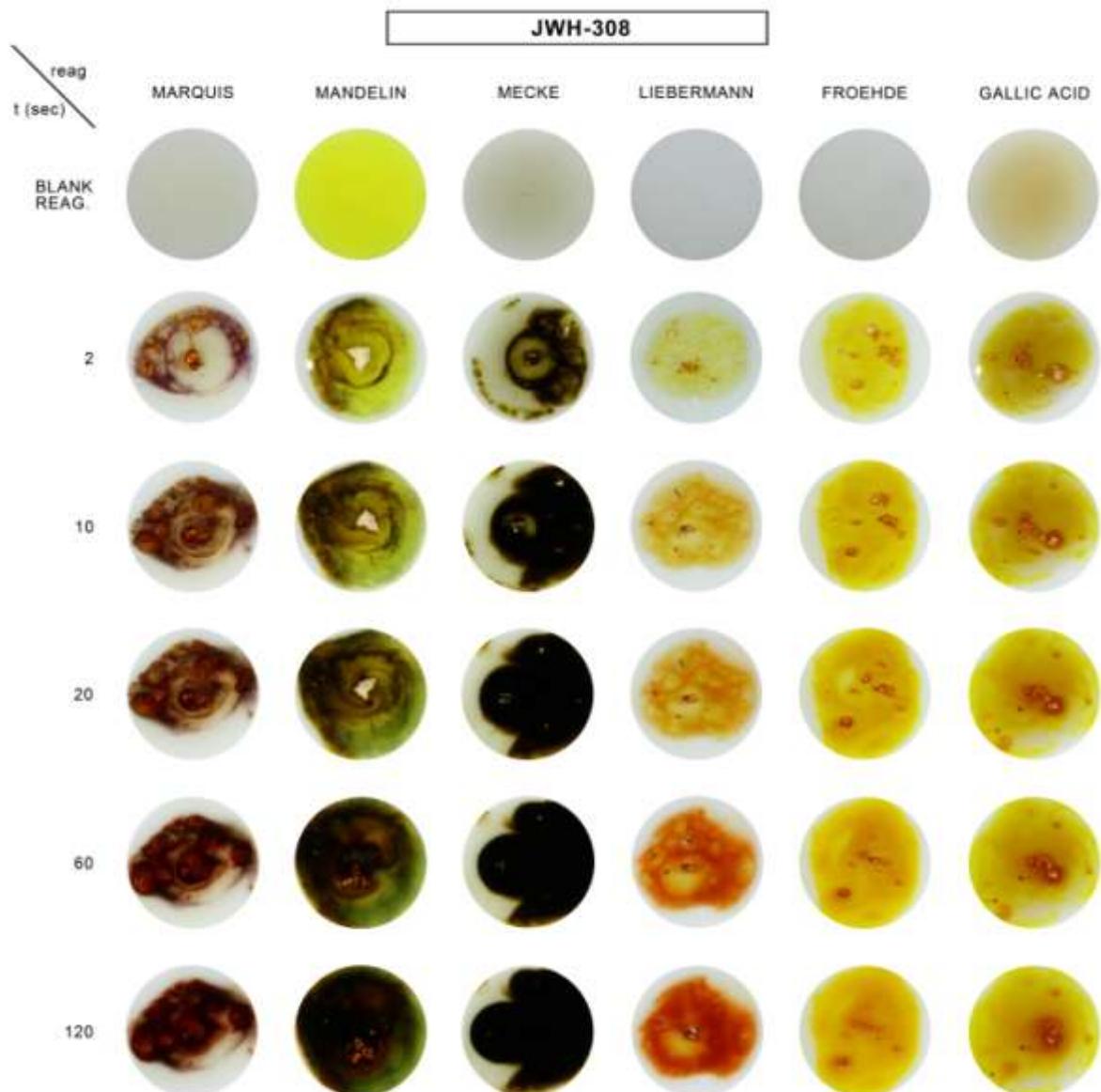
4.10. THJ-018



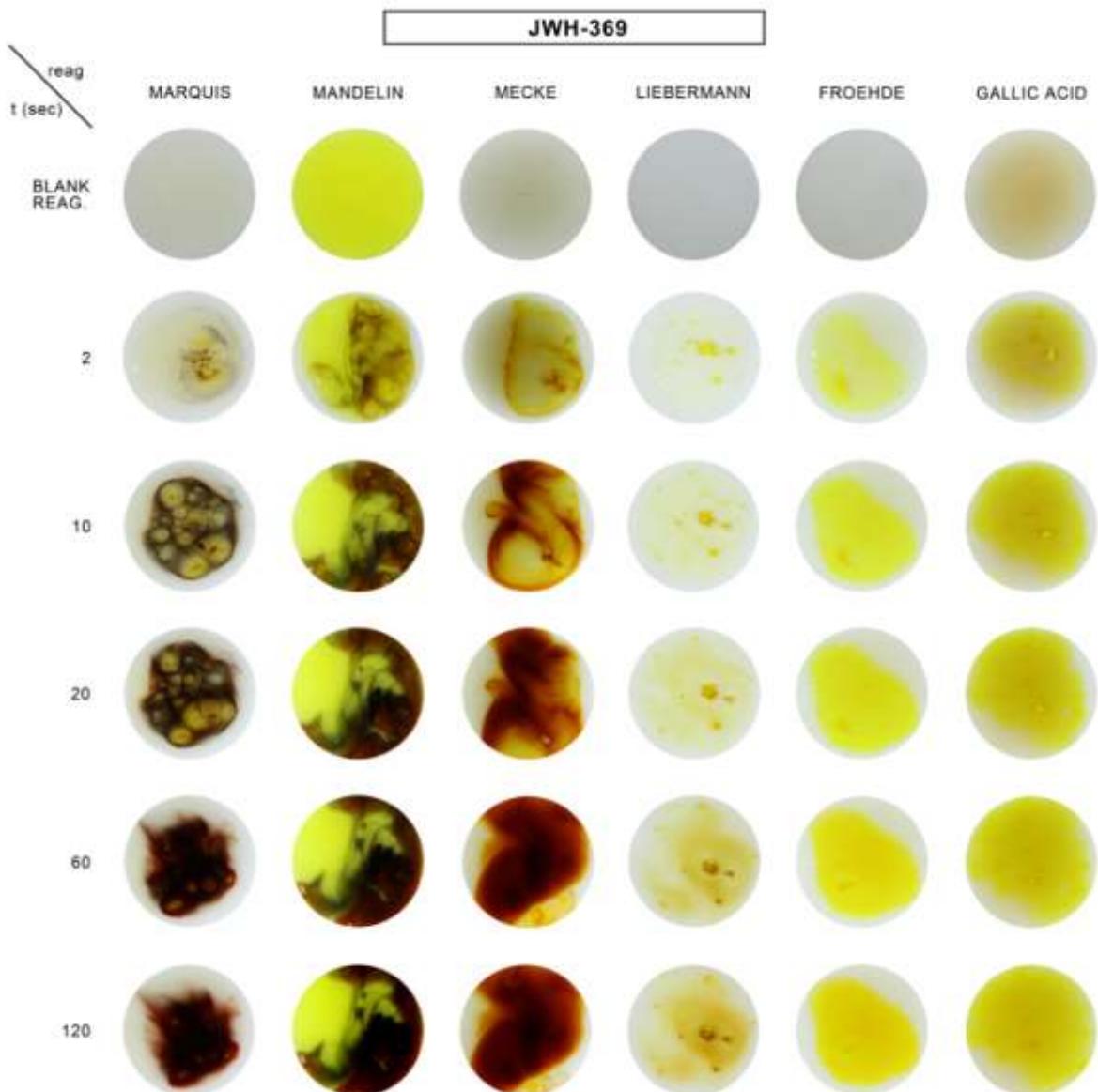
4.11. EG-018



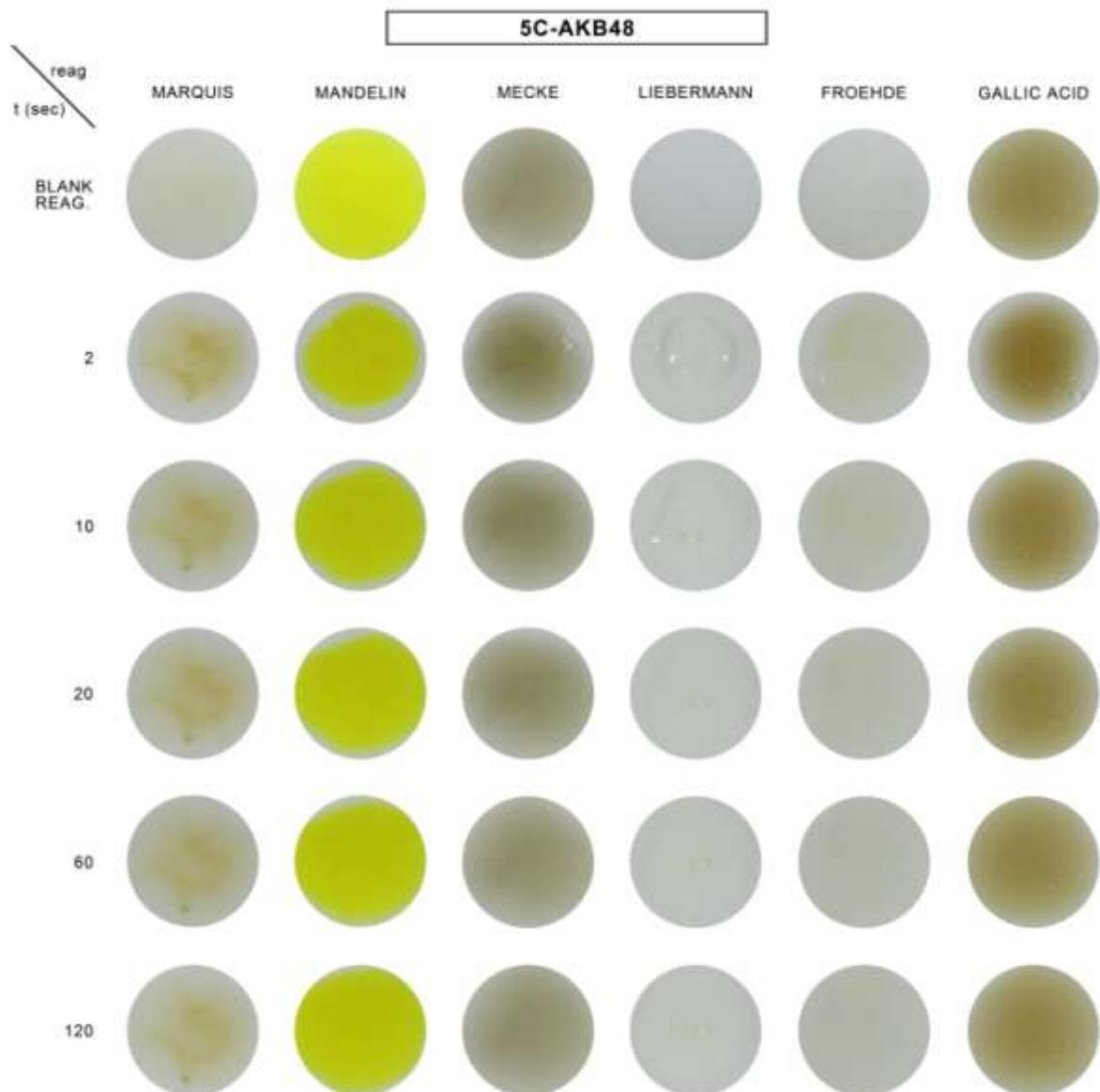
4.12. JWH-308



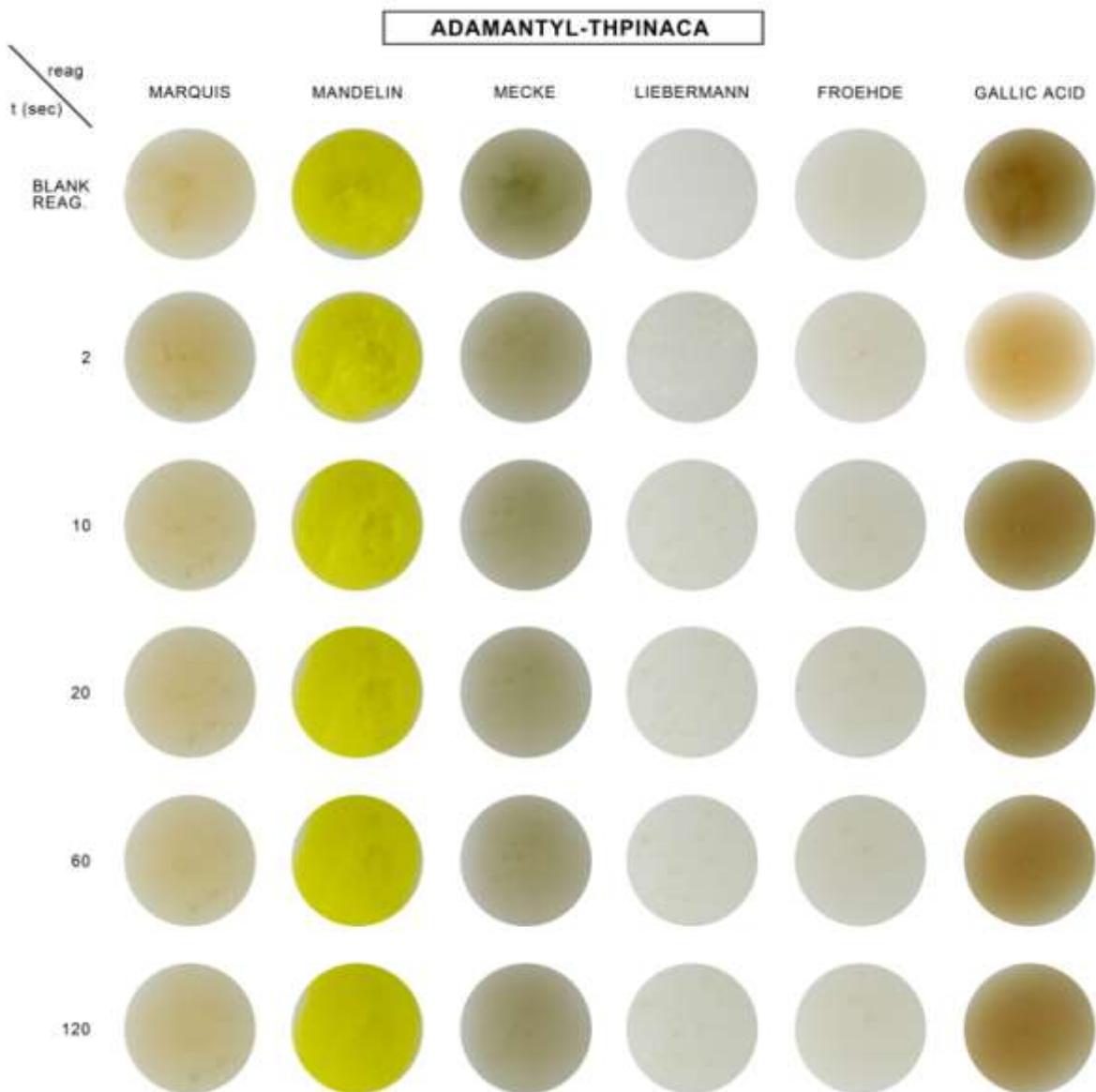
4.13. JWH-369



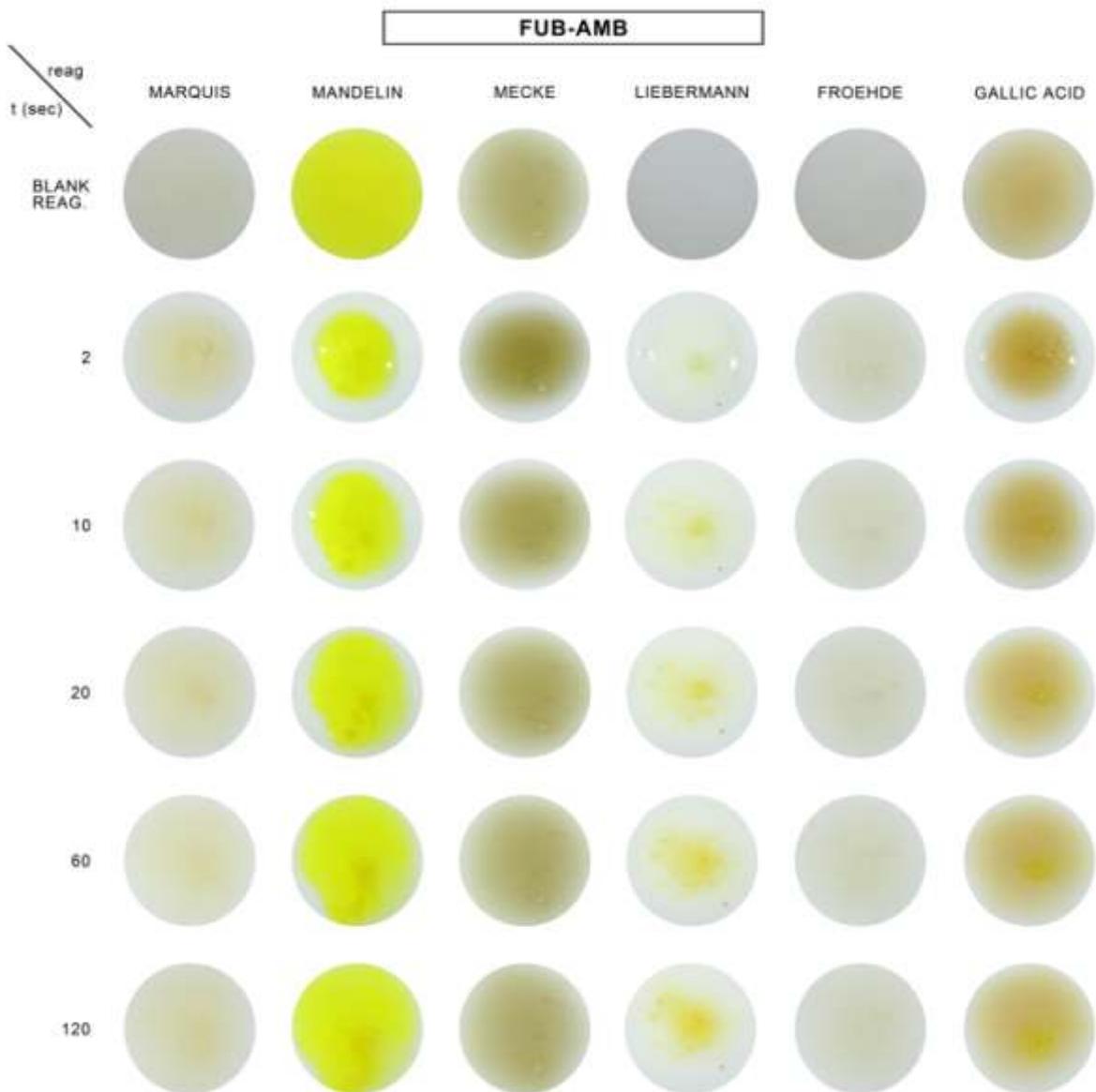
4.14. 5C-AKB48



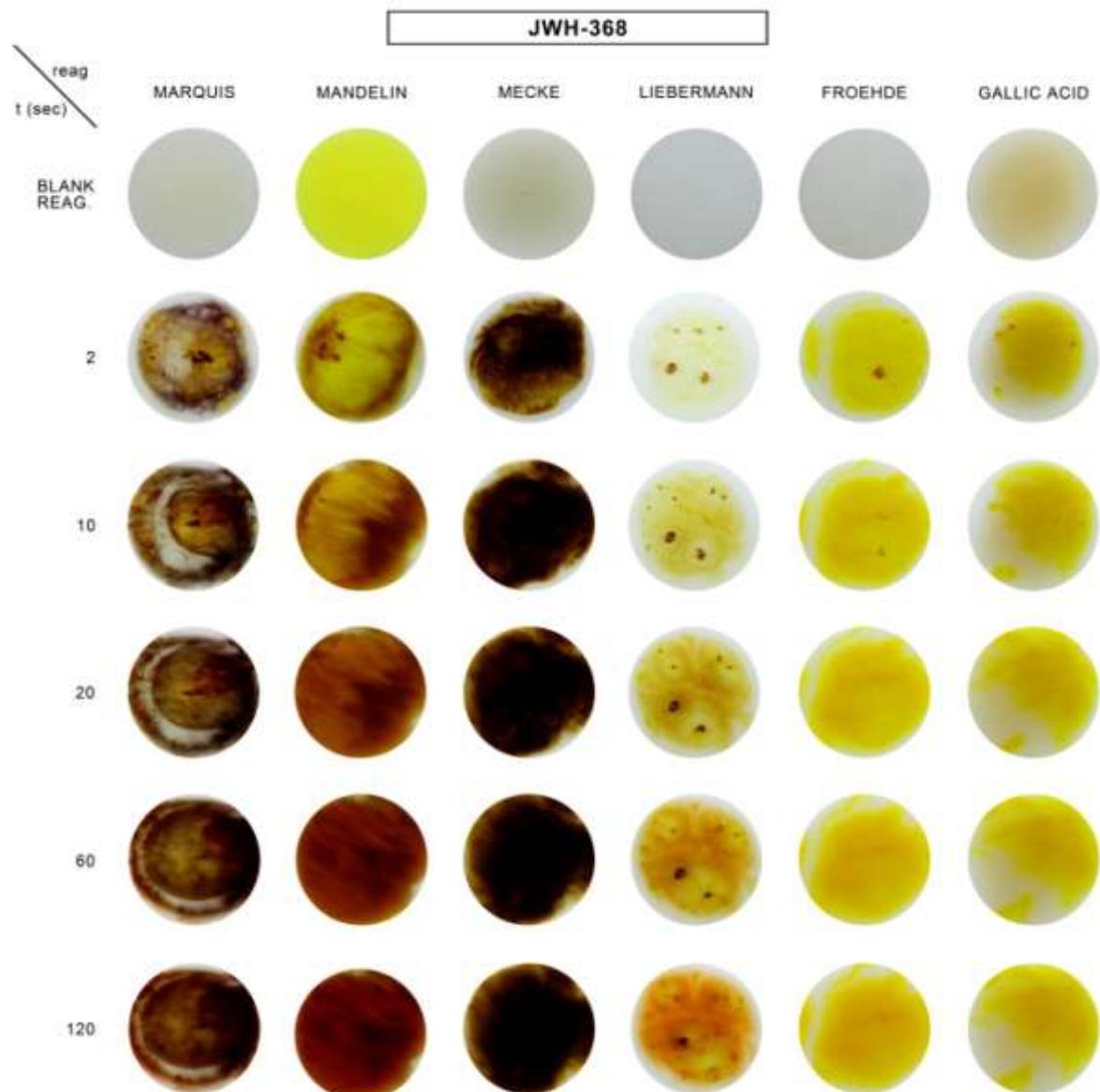
4.15. ADAMANTYL-THPINACA



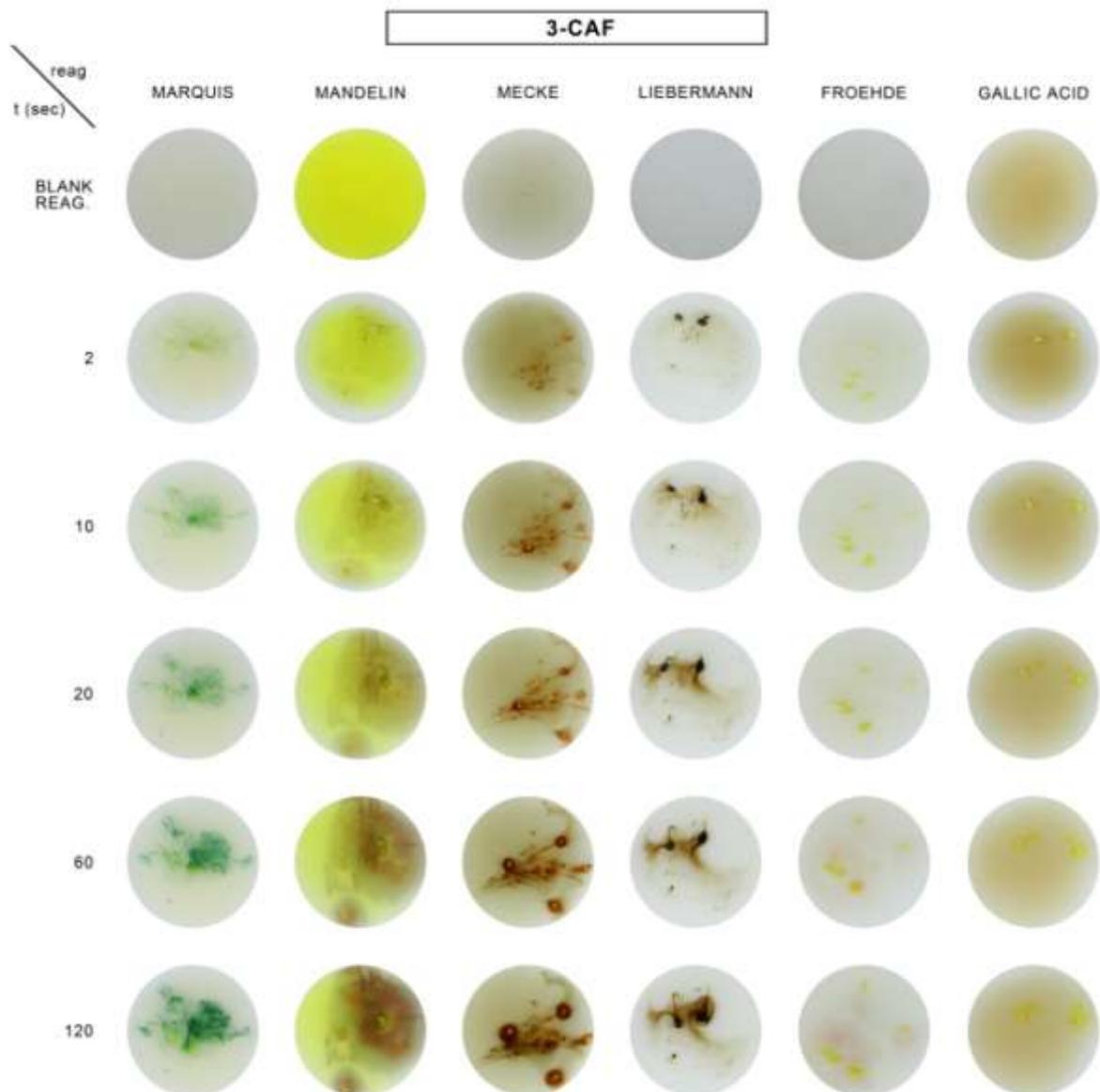
4.16. FUB-AMB



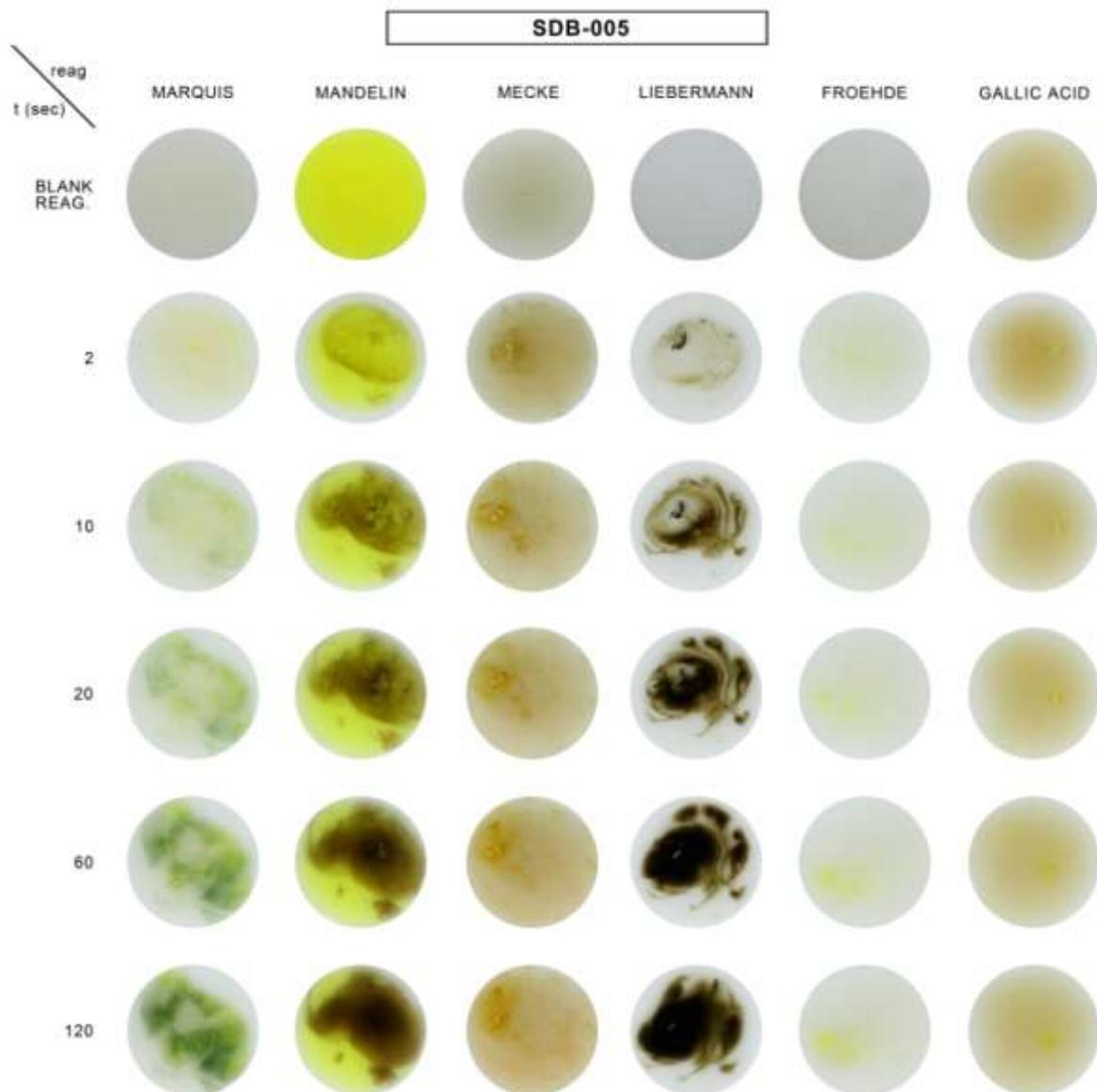
4.17. JWH-368



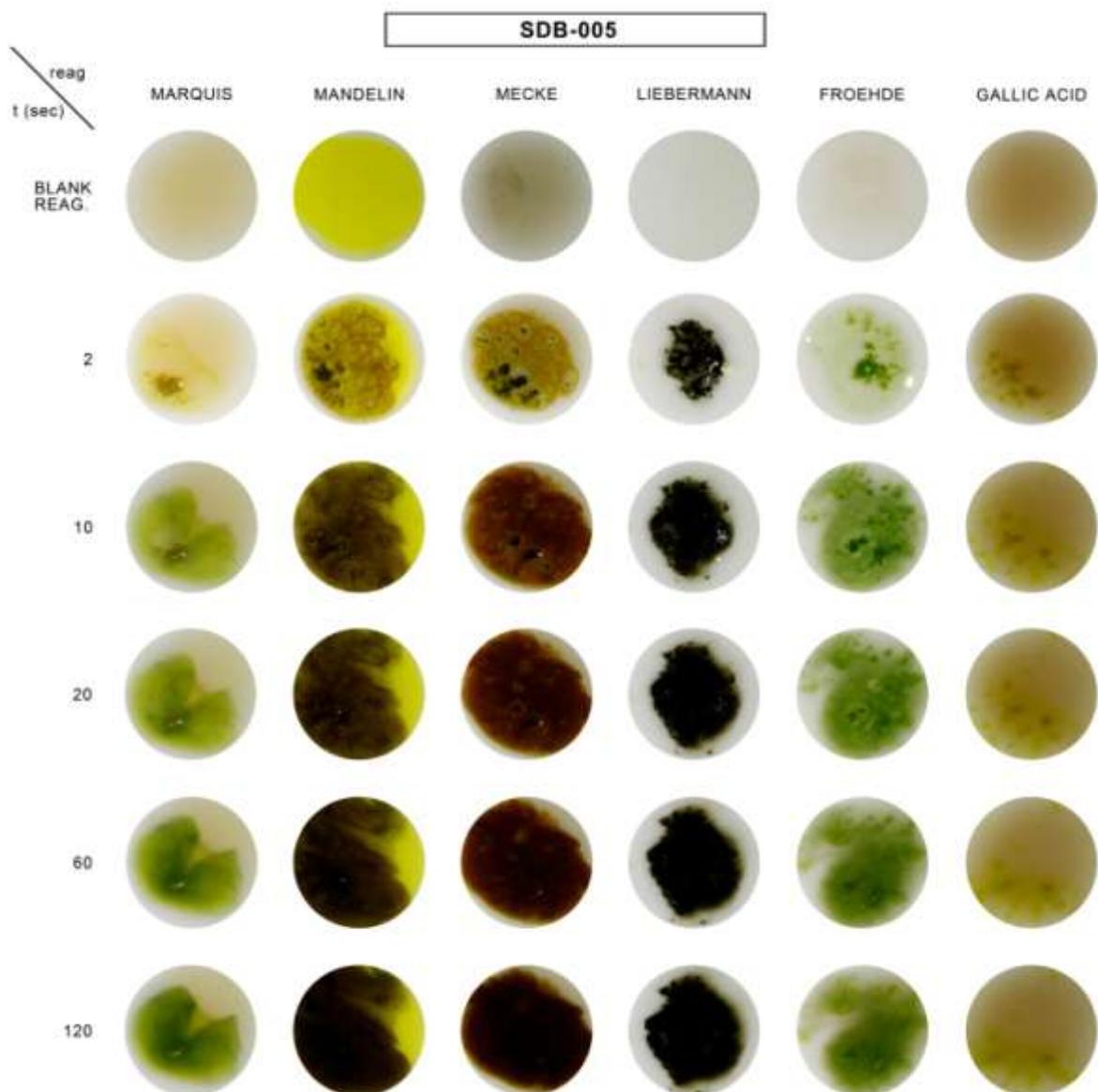
4.18. 3-CAF



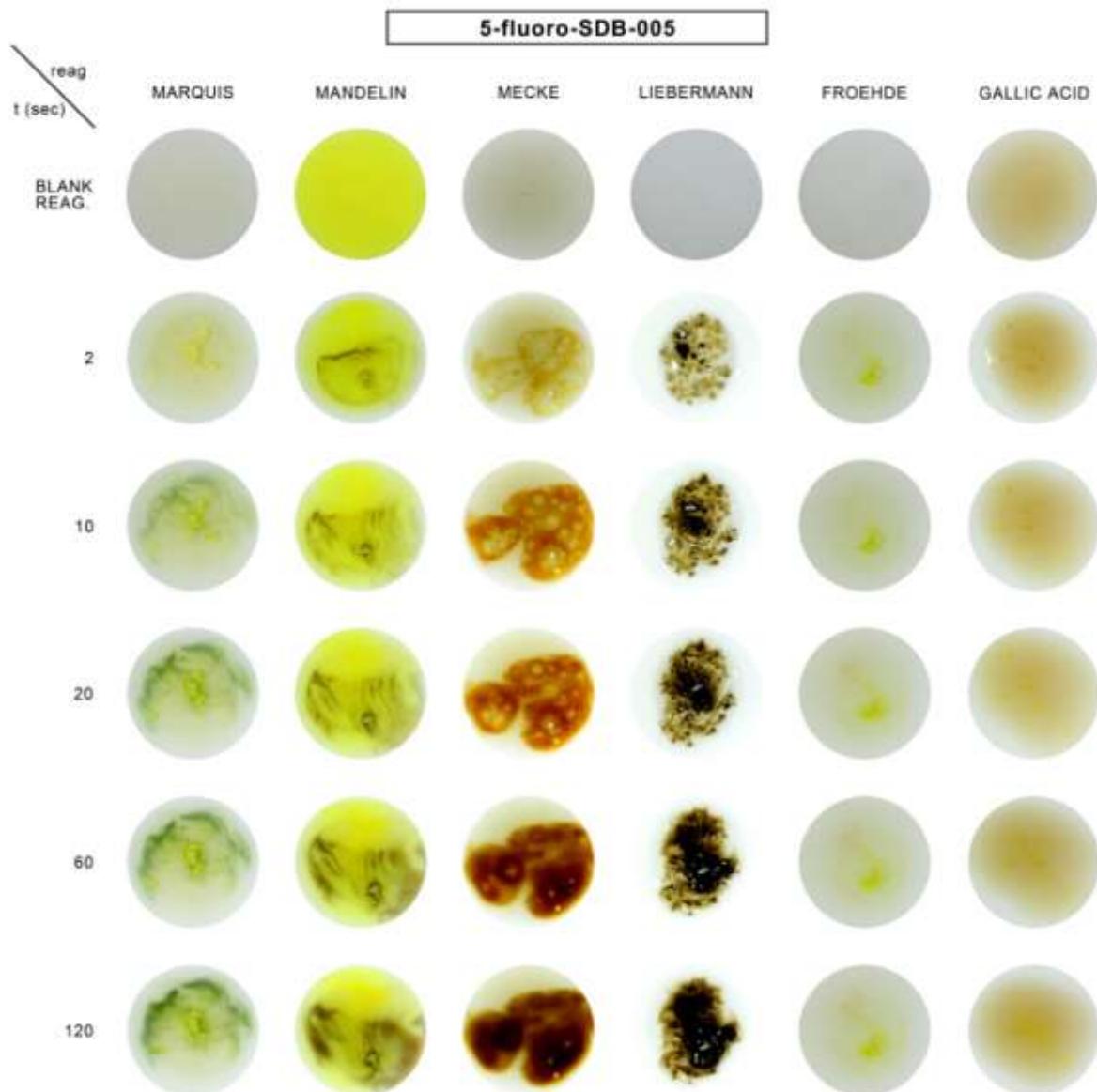
4.19. SDB-005



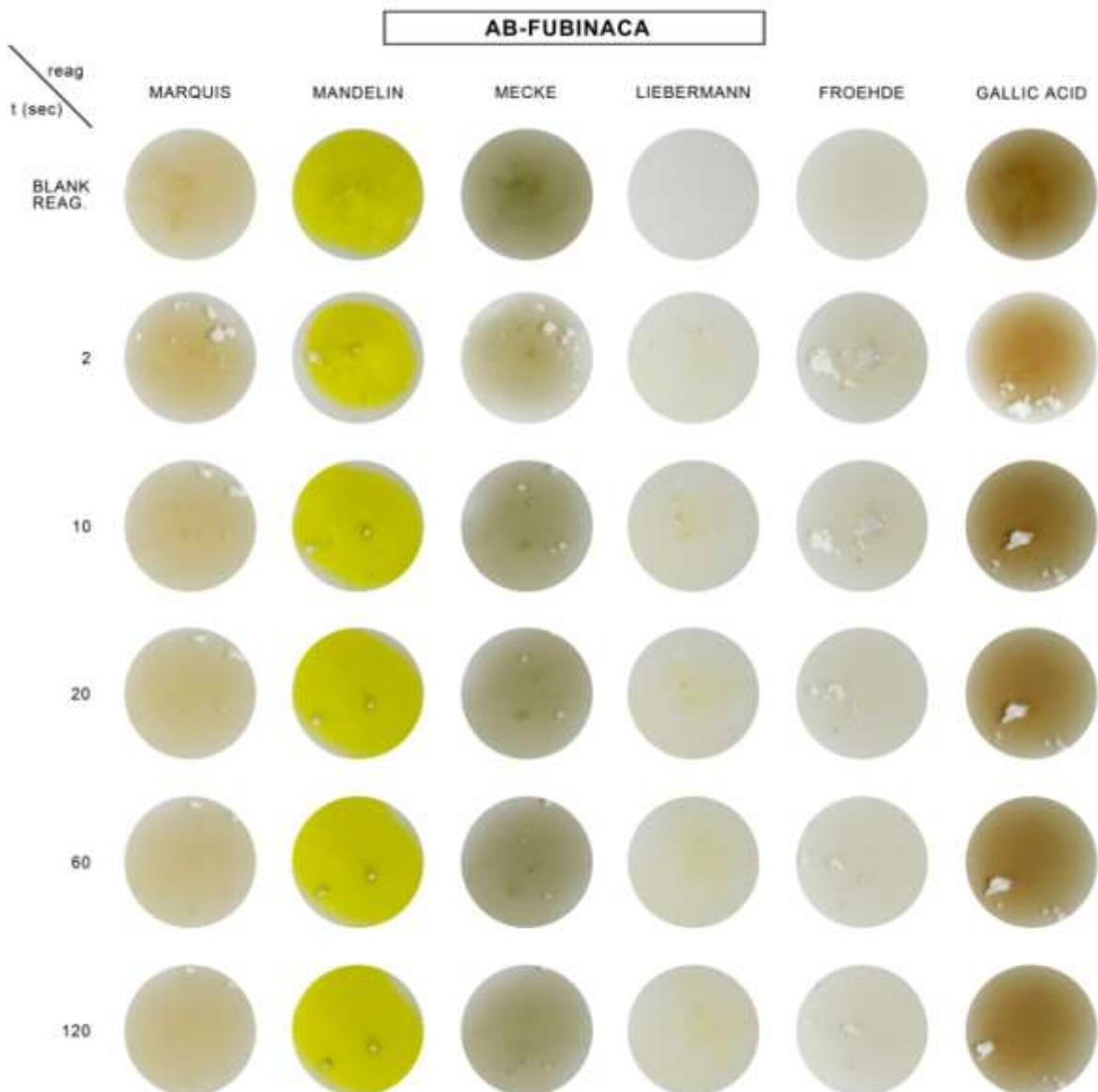
4.20. SDB-005



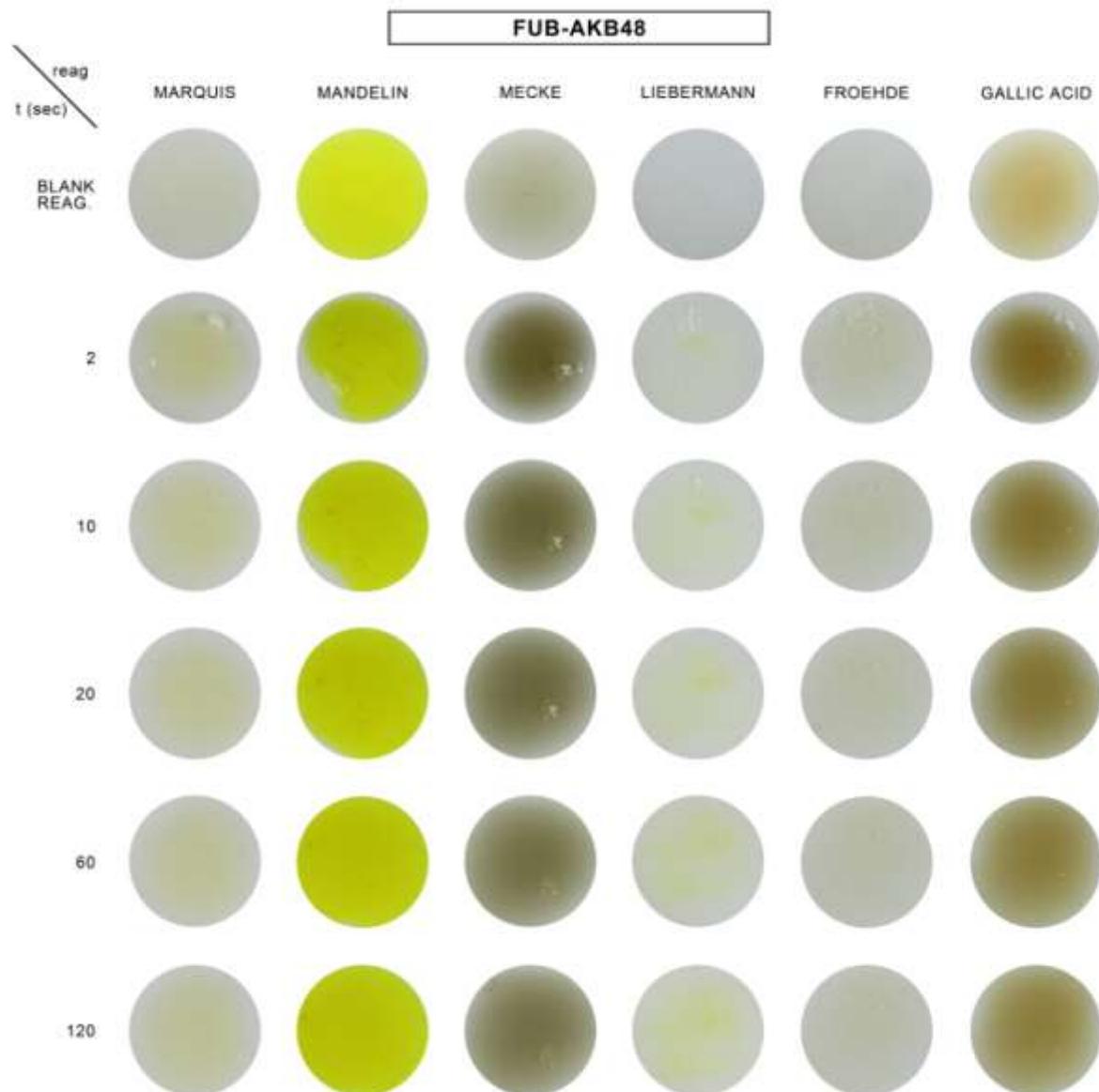
4.21. 5-fluoro-SDB-005



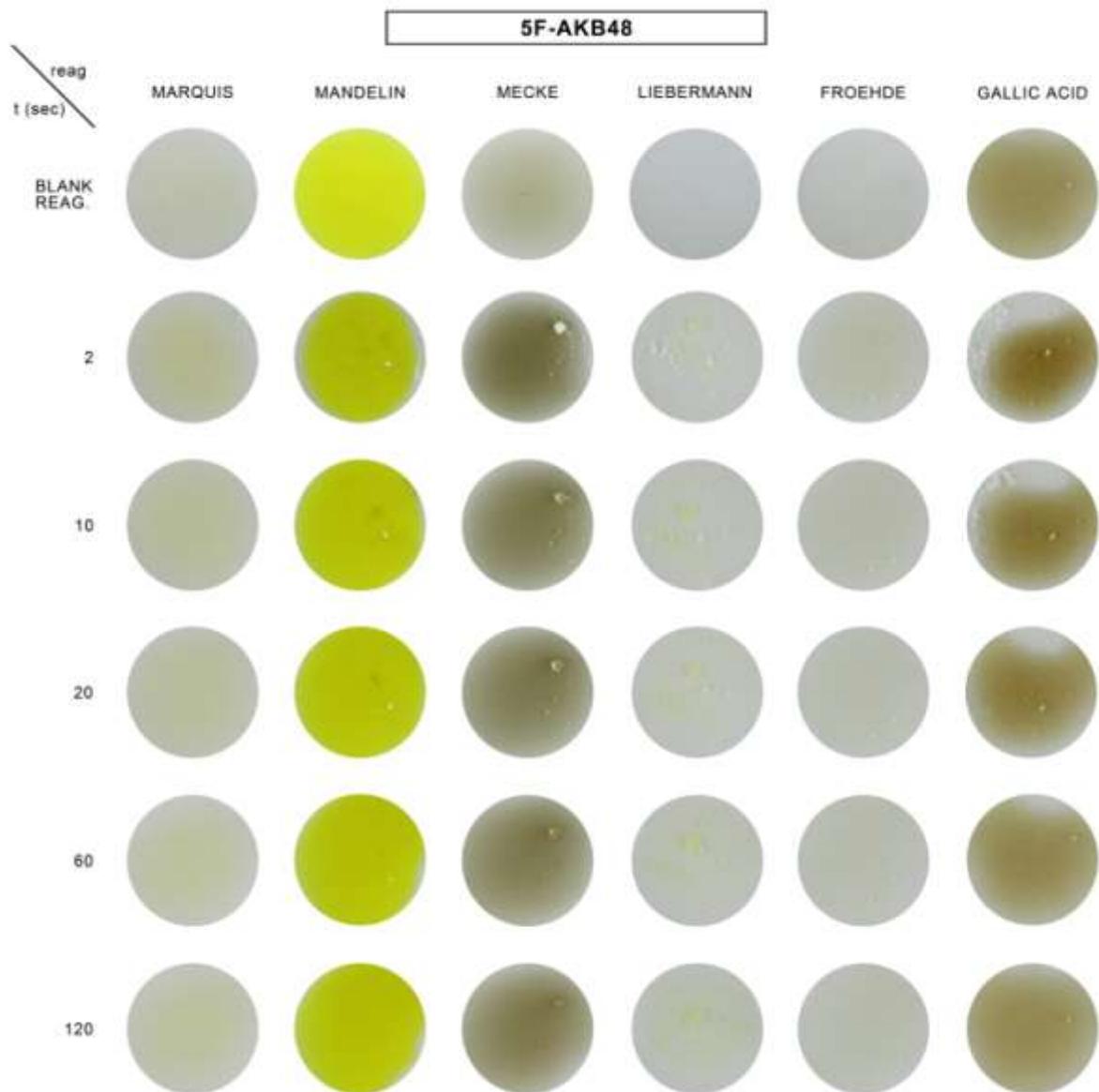
4.22. AB-FUBINACA



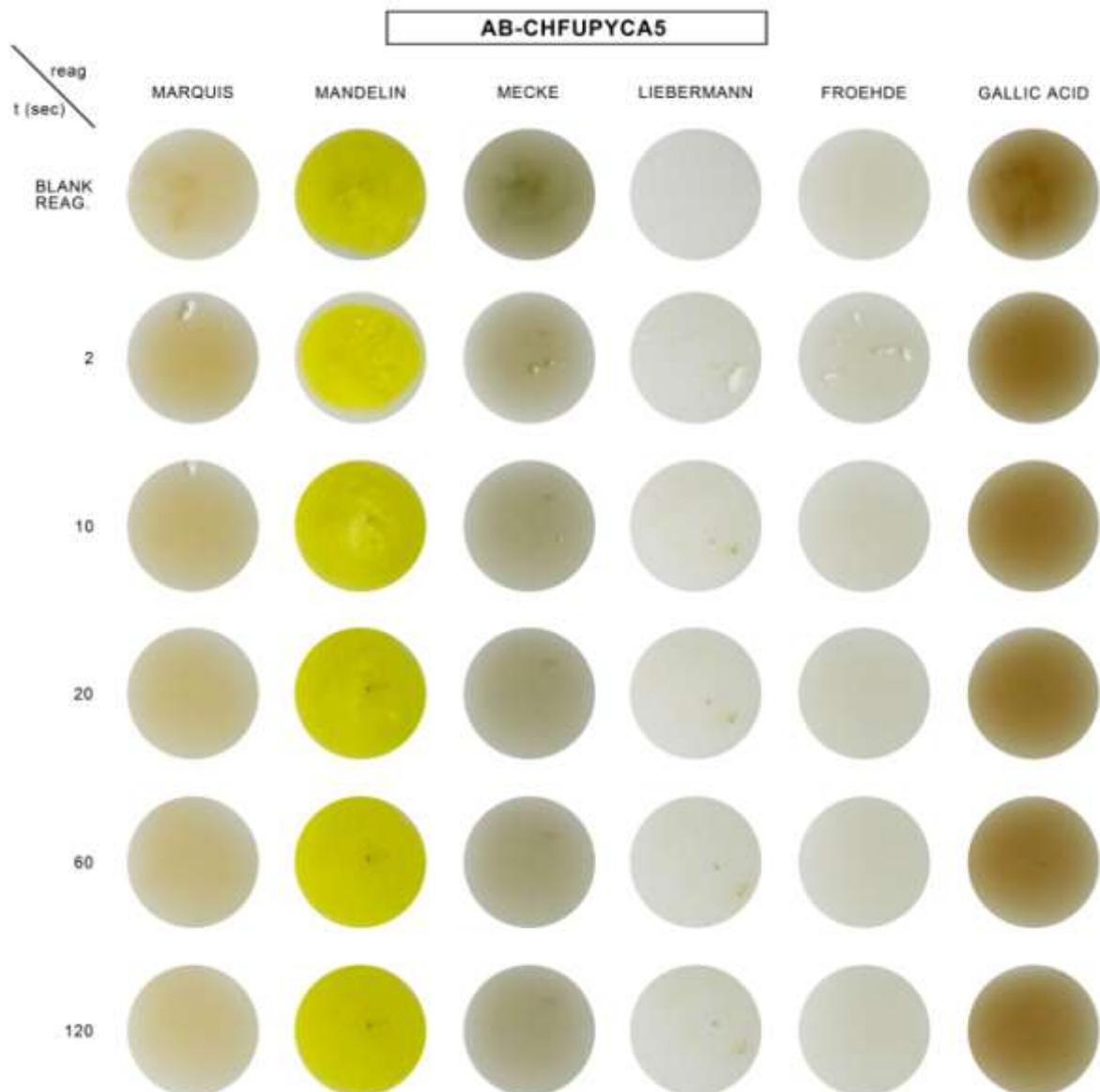
4.23. FUB-AKB48



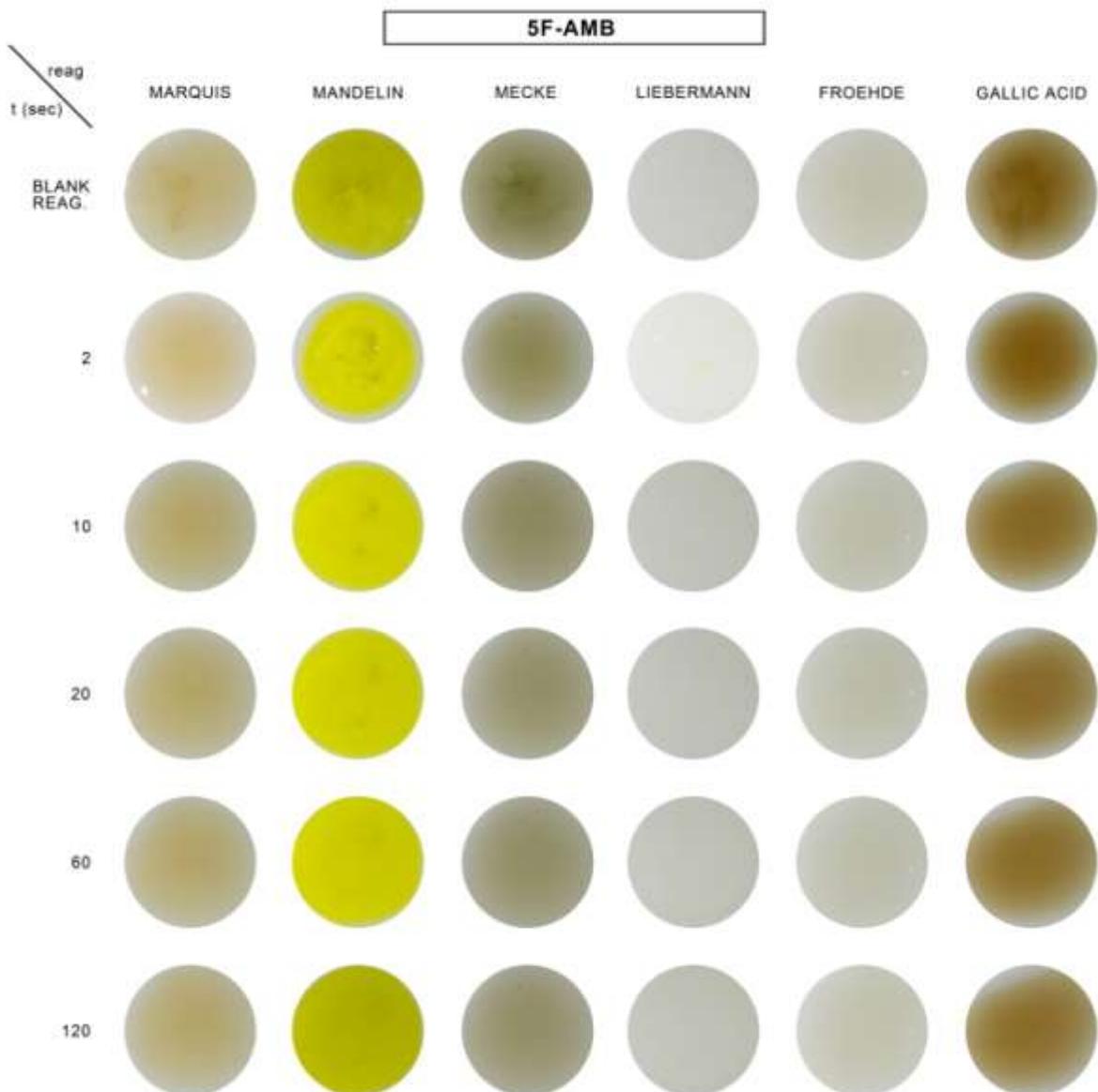
4.24. 5F-AKB48



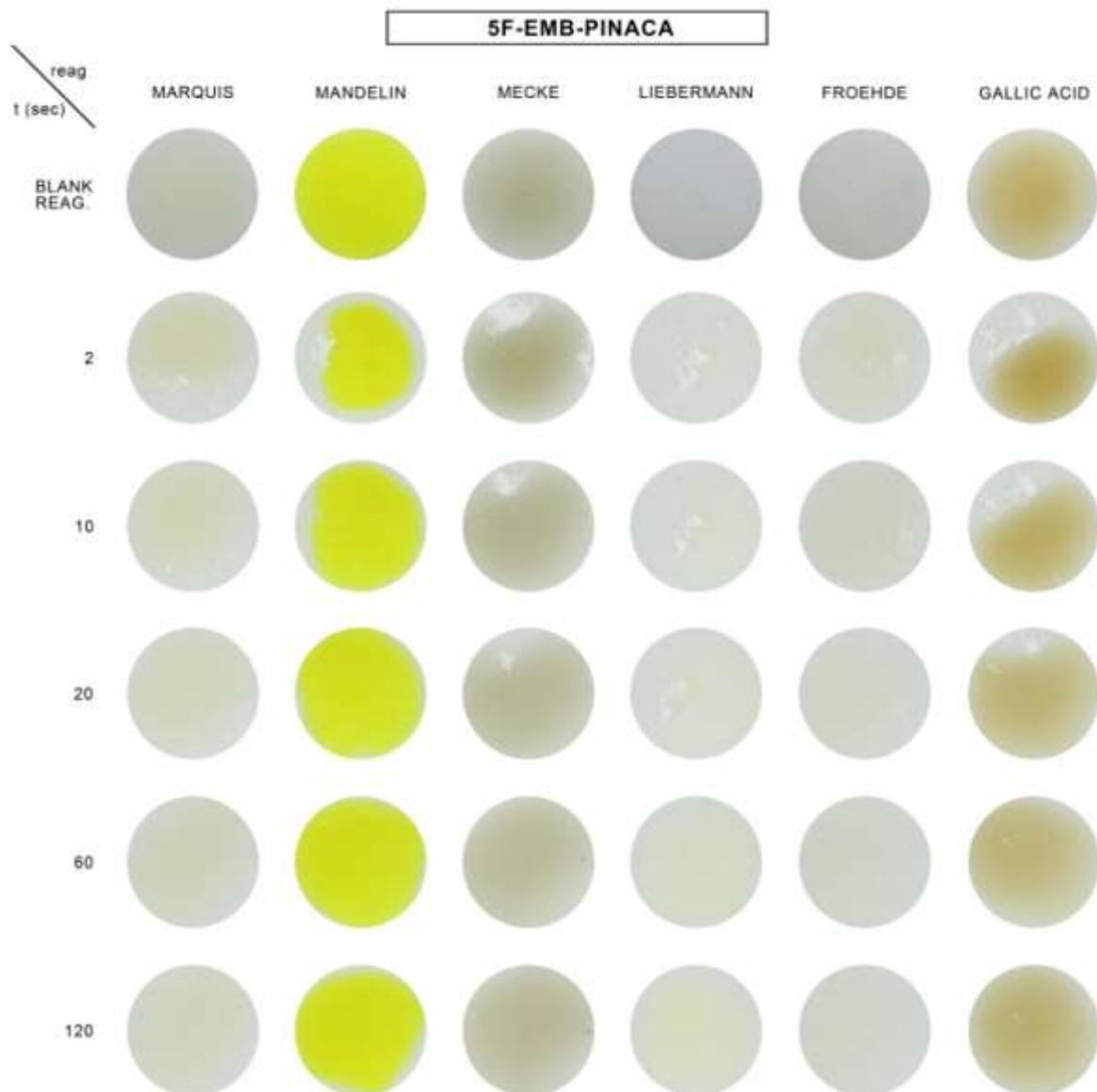
4.25. AB-CHFUPYCA



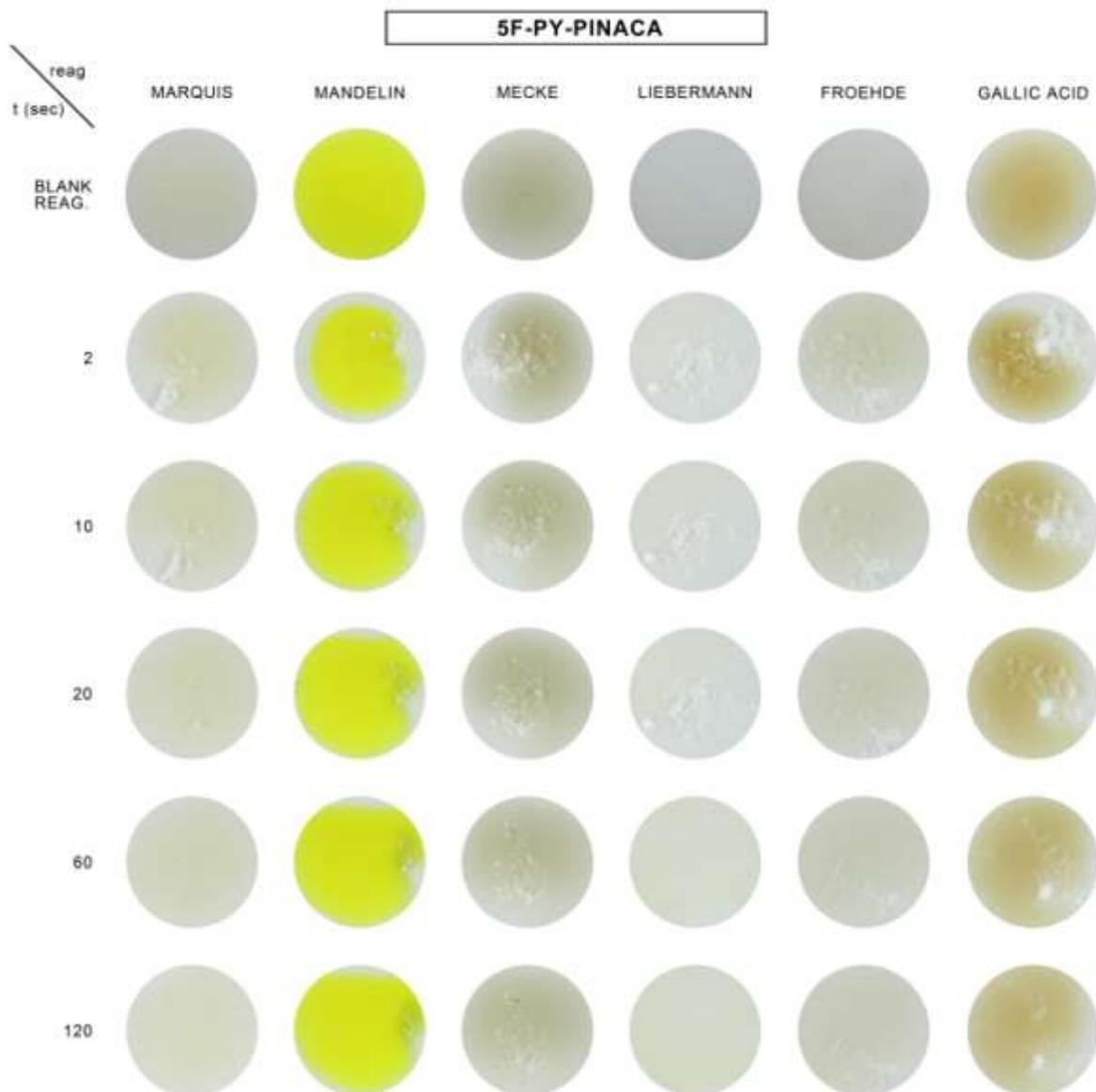
4.26. 5F-AMB



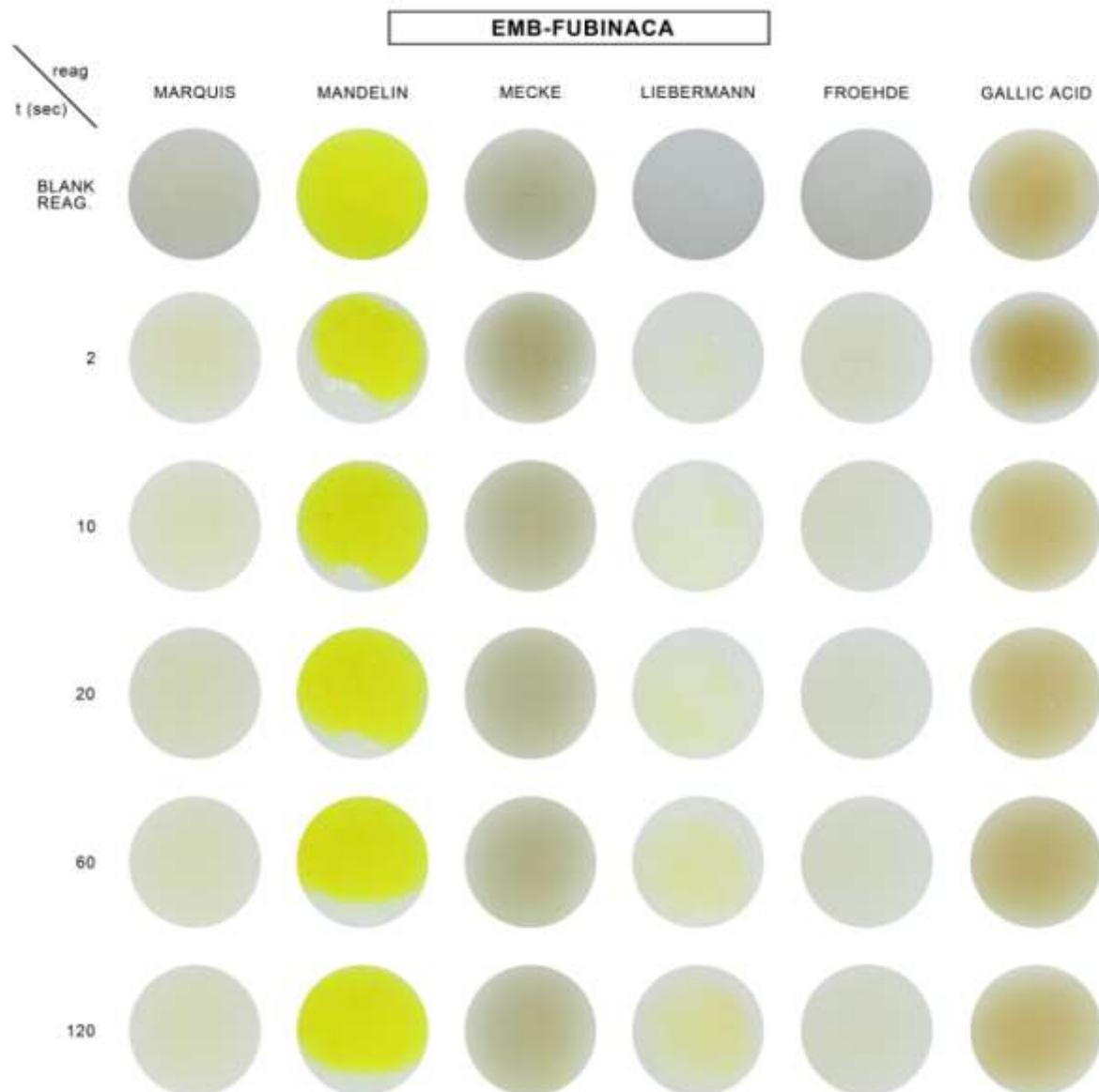
4.27. 5F-EMB-PINACA



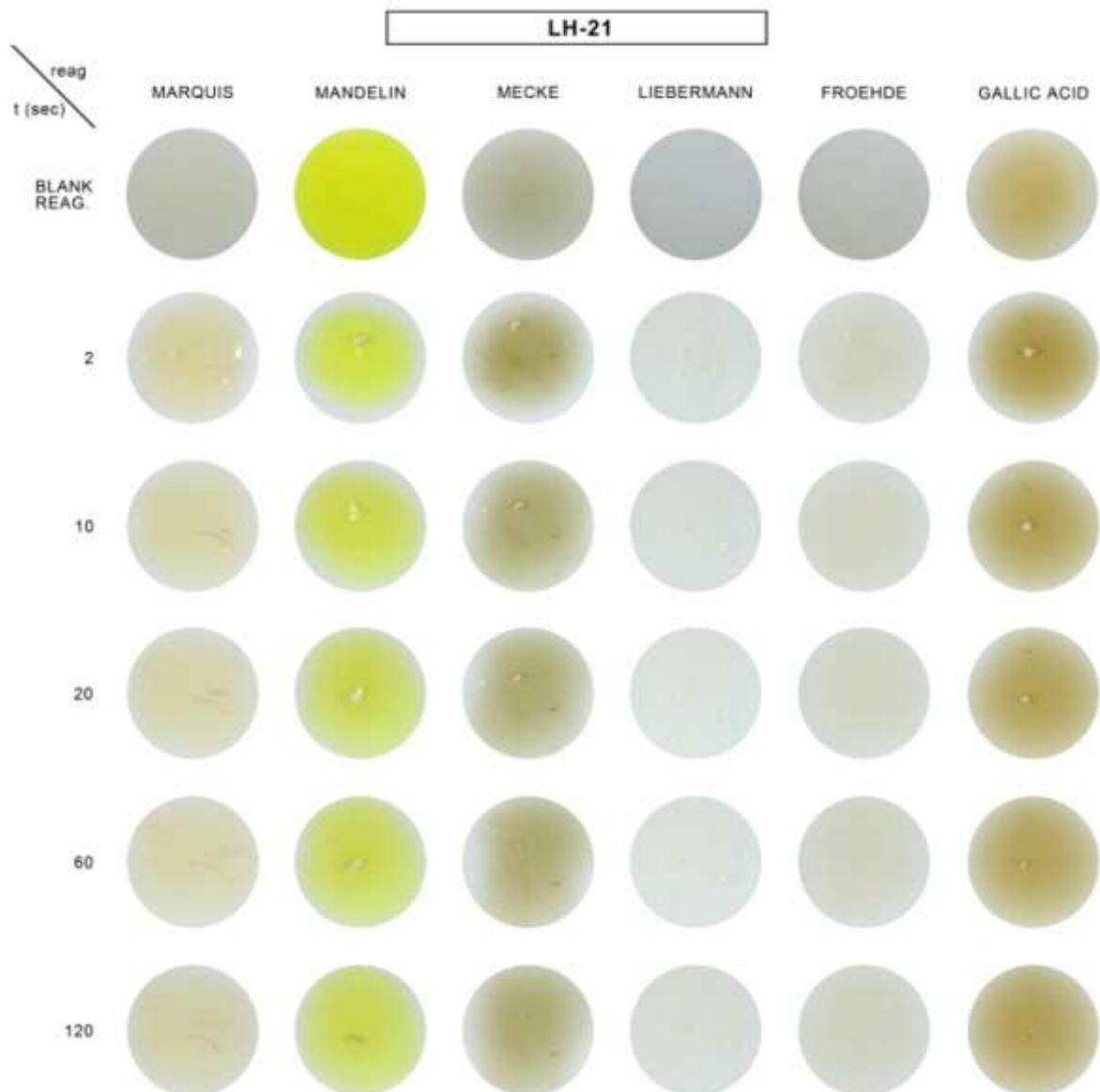
4.28. 5F-PY-PINACA



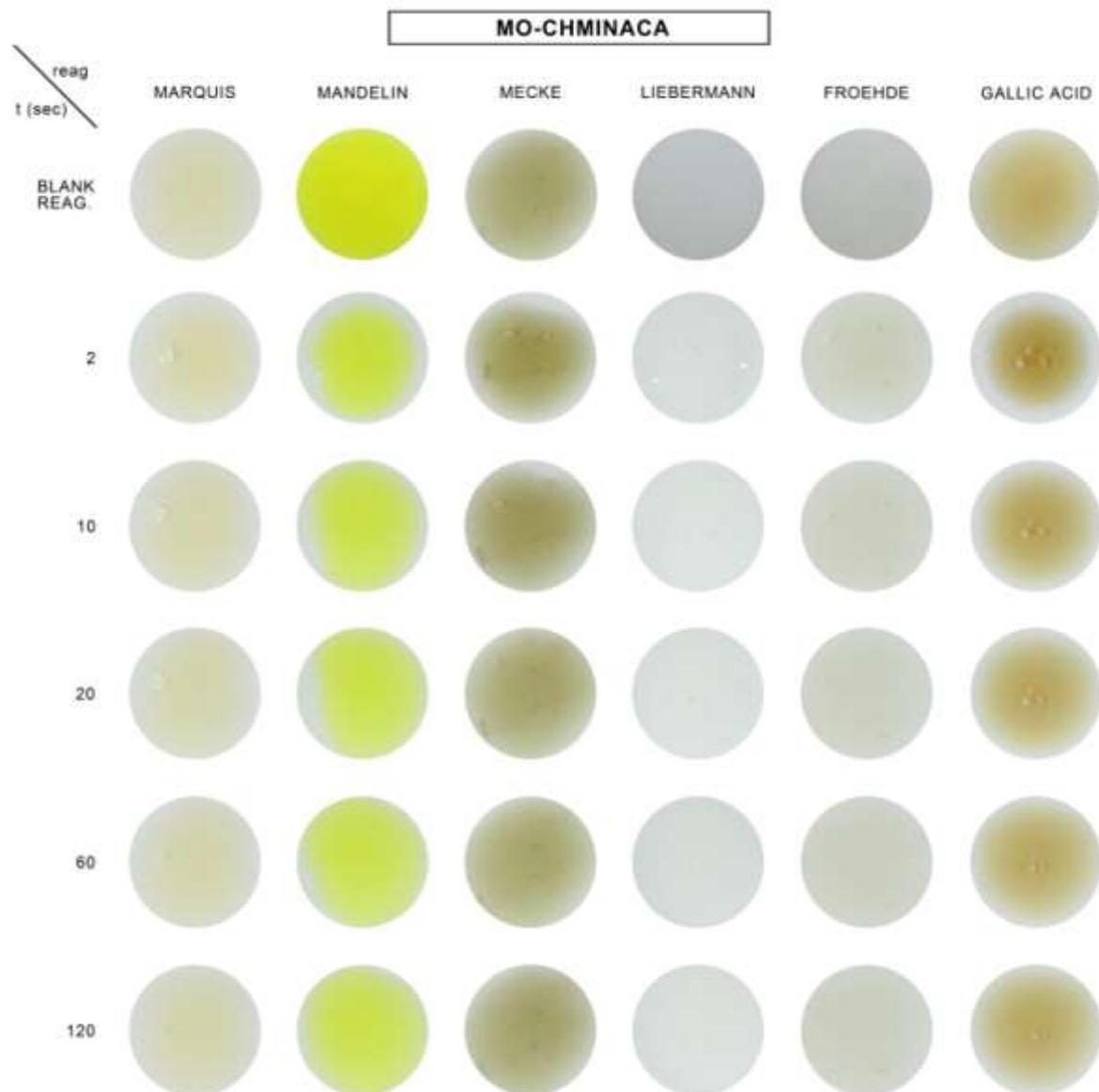
4.29. EMB-FUBINACA



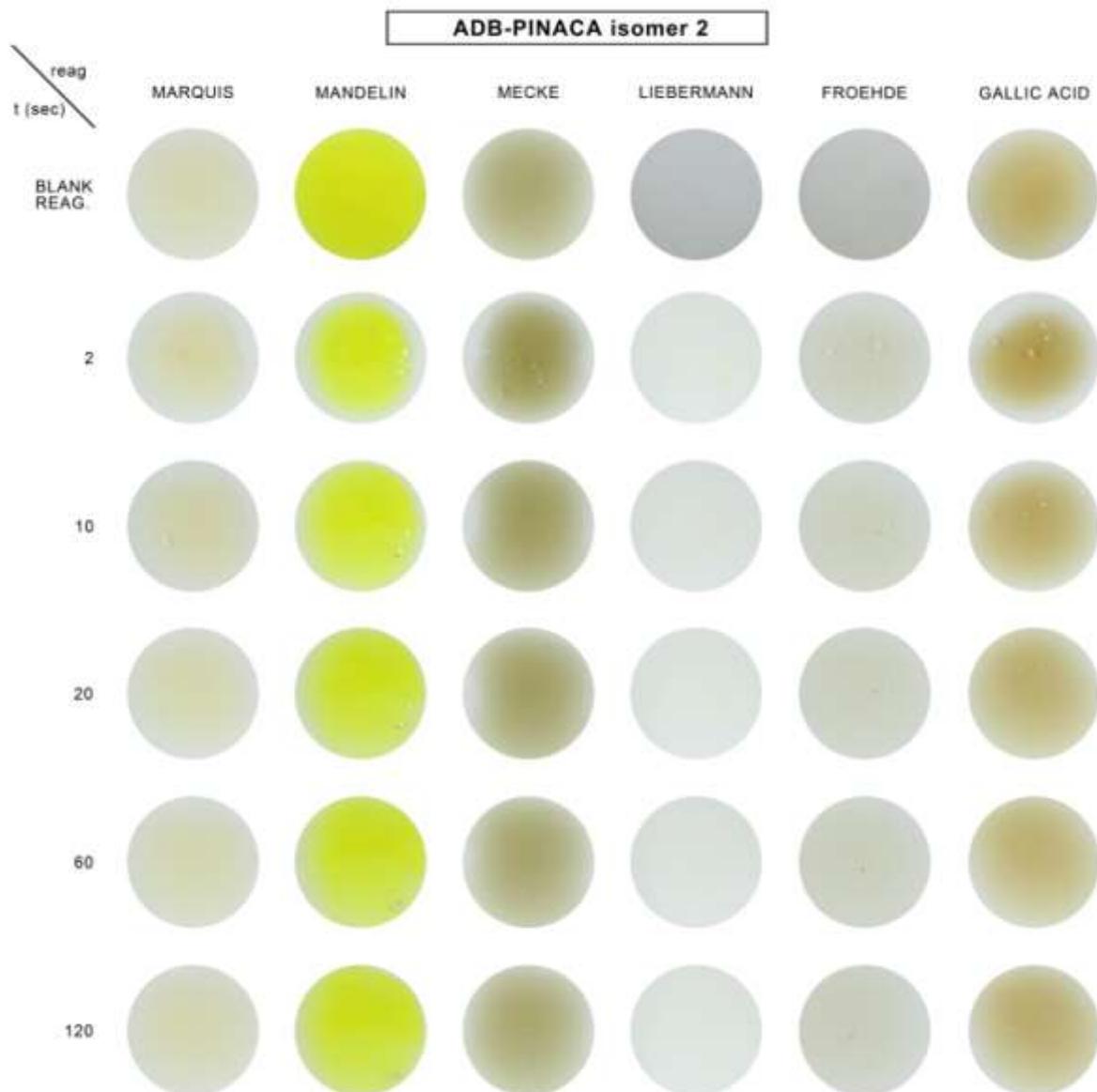
4.30. LH-21



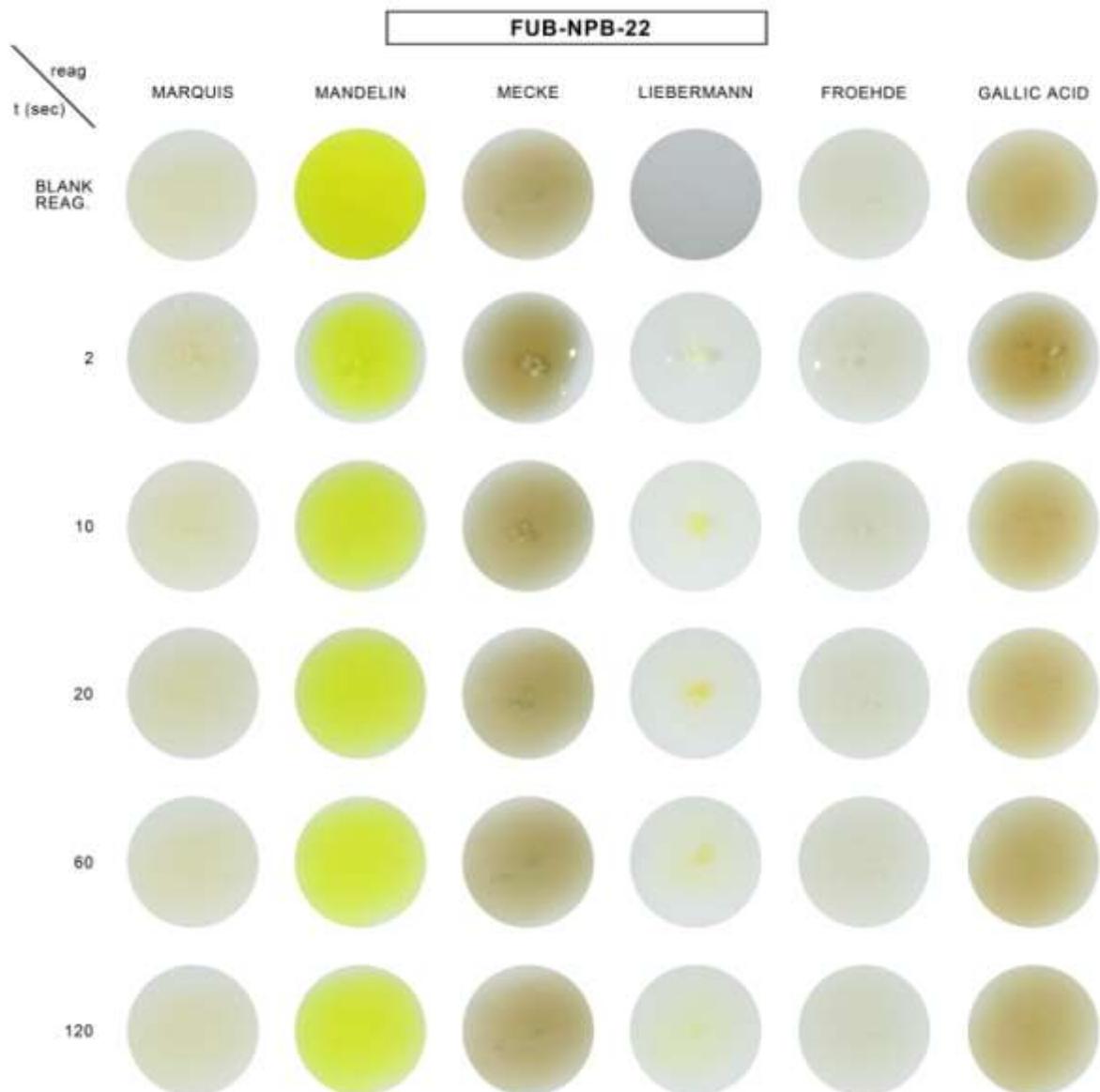
4.31. MO-CHMINACA



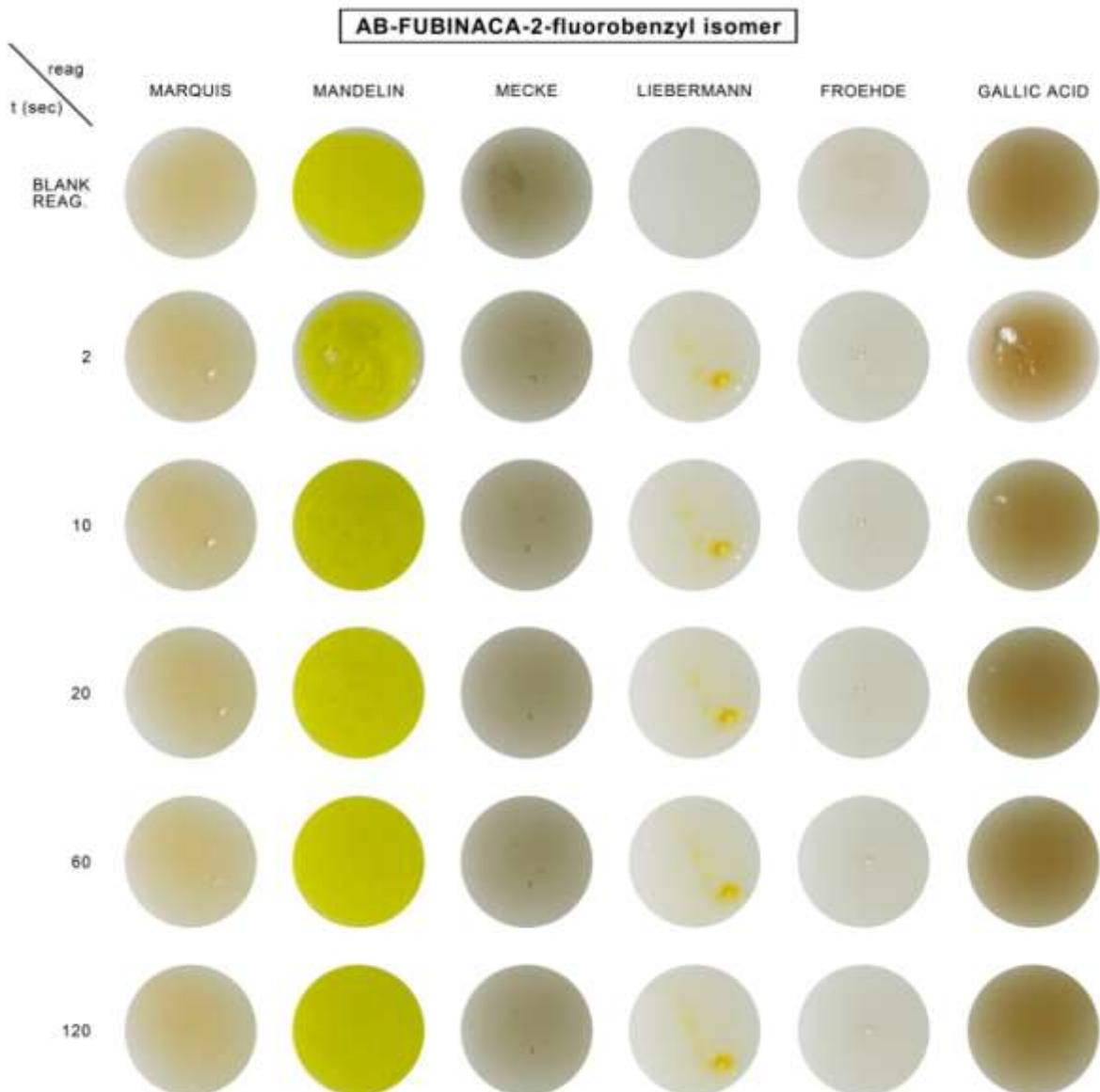
4.32. ADB-PINACA isomer 2



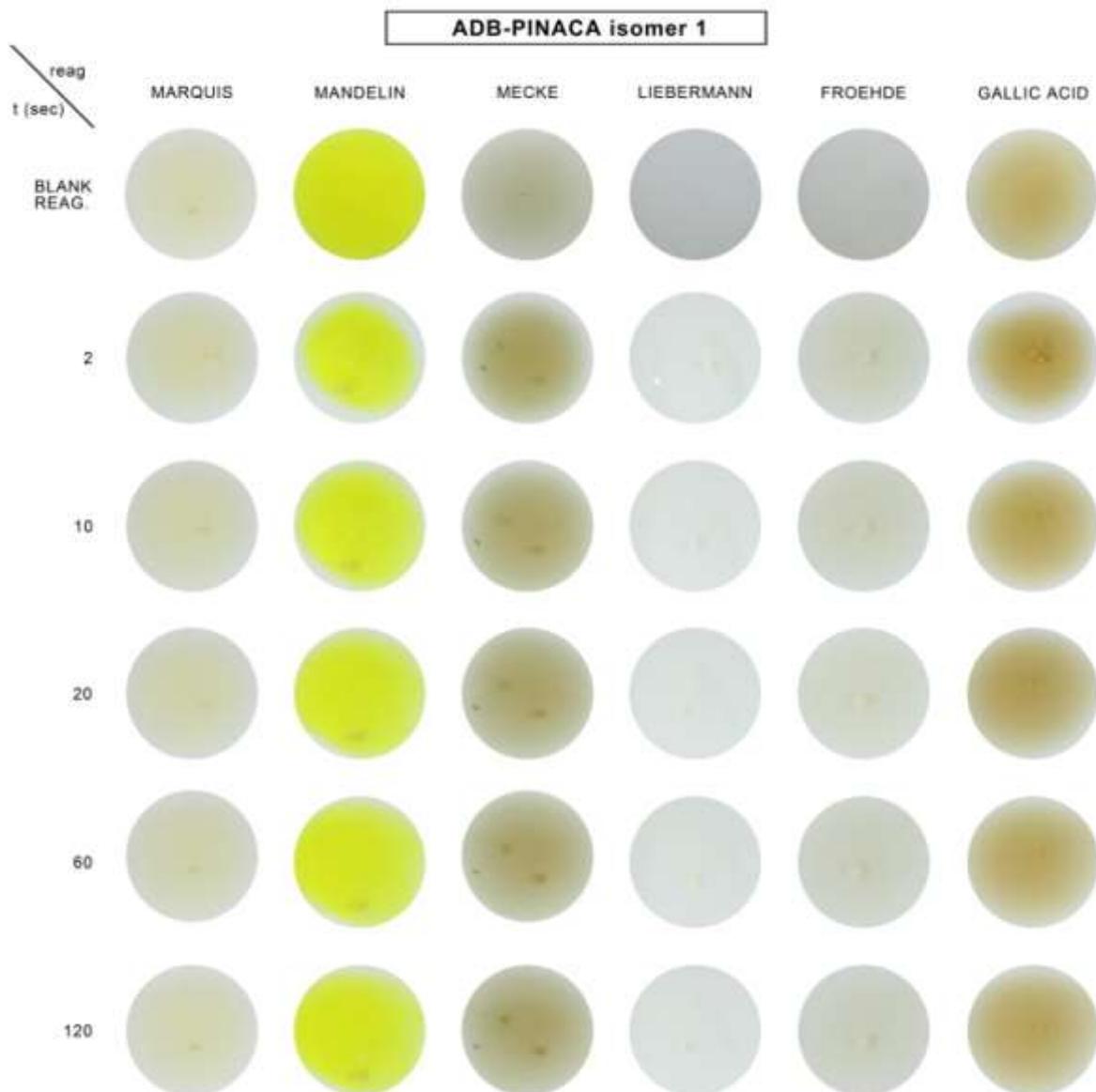
4.33. FUB-NPB-22



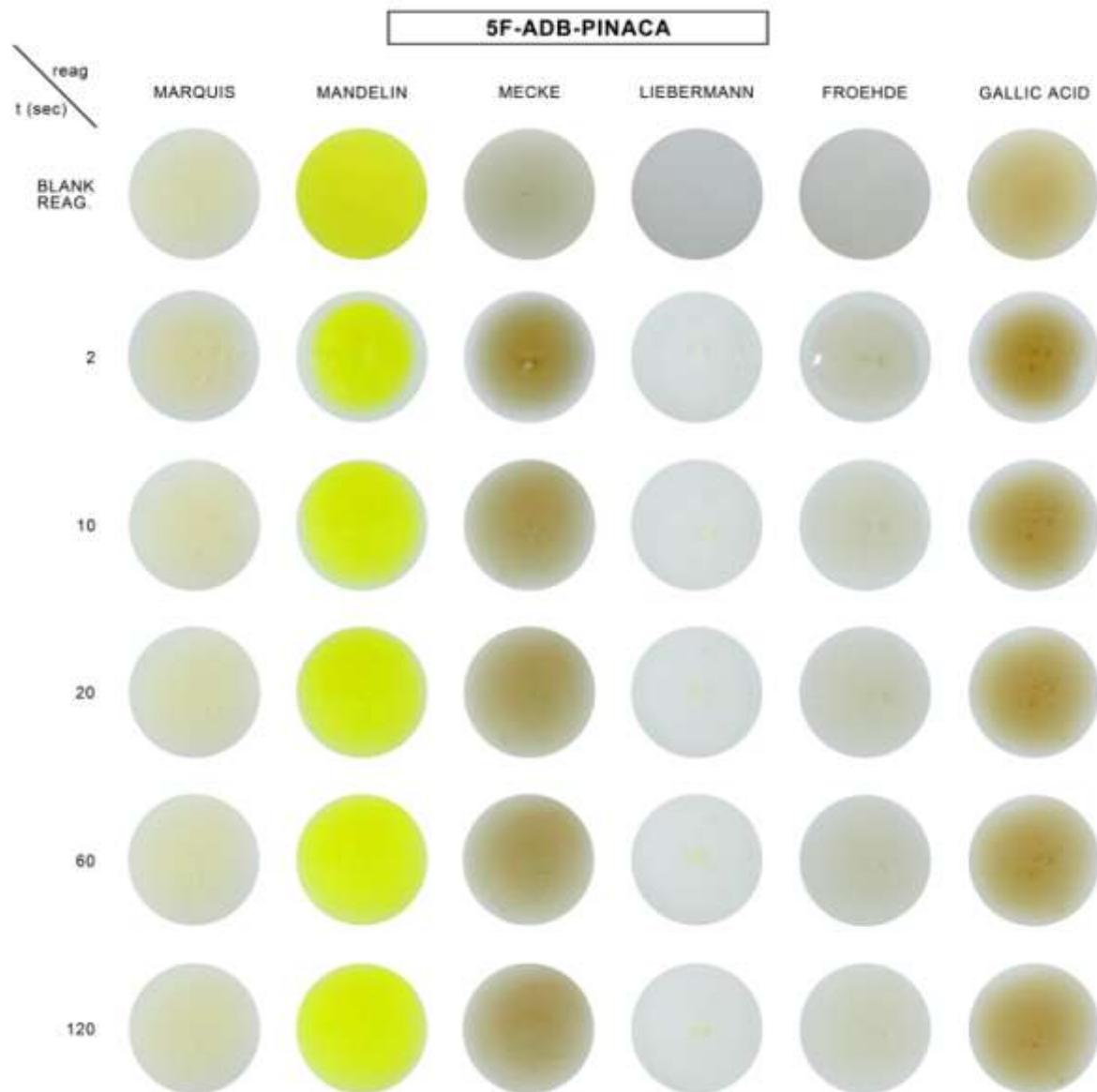
4.34. AB-FUBINACA 2-fluorobenzyl isomer



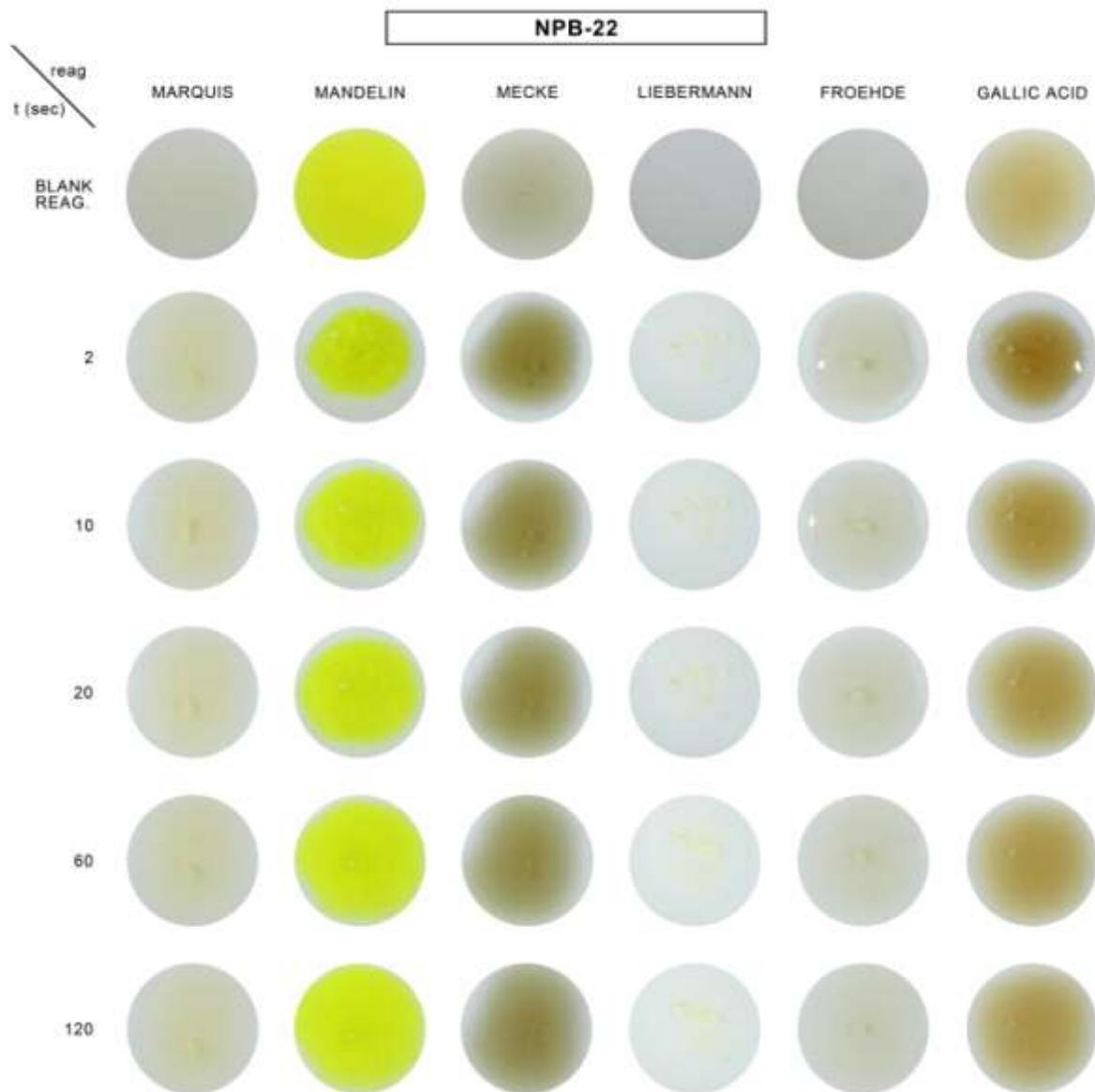
4.35. ADB-PINACA isomer 1



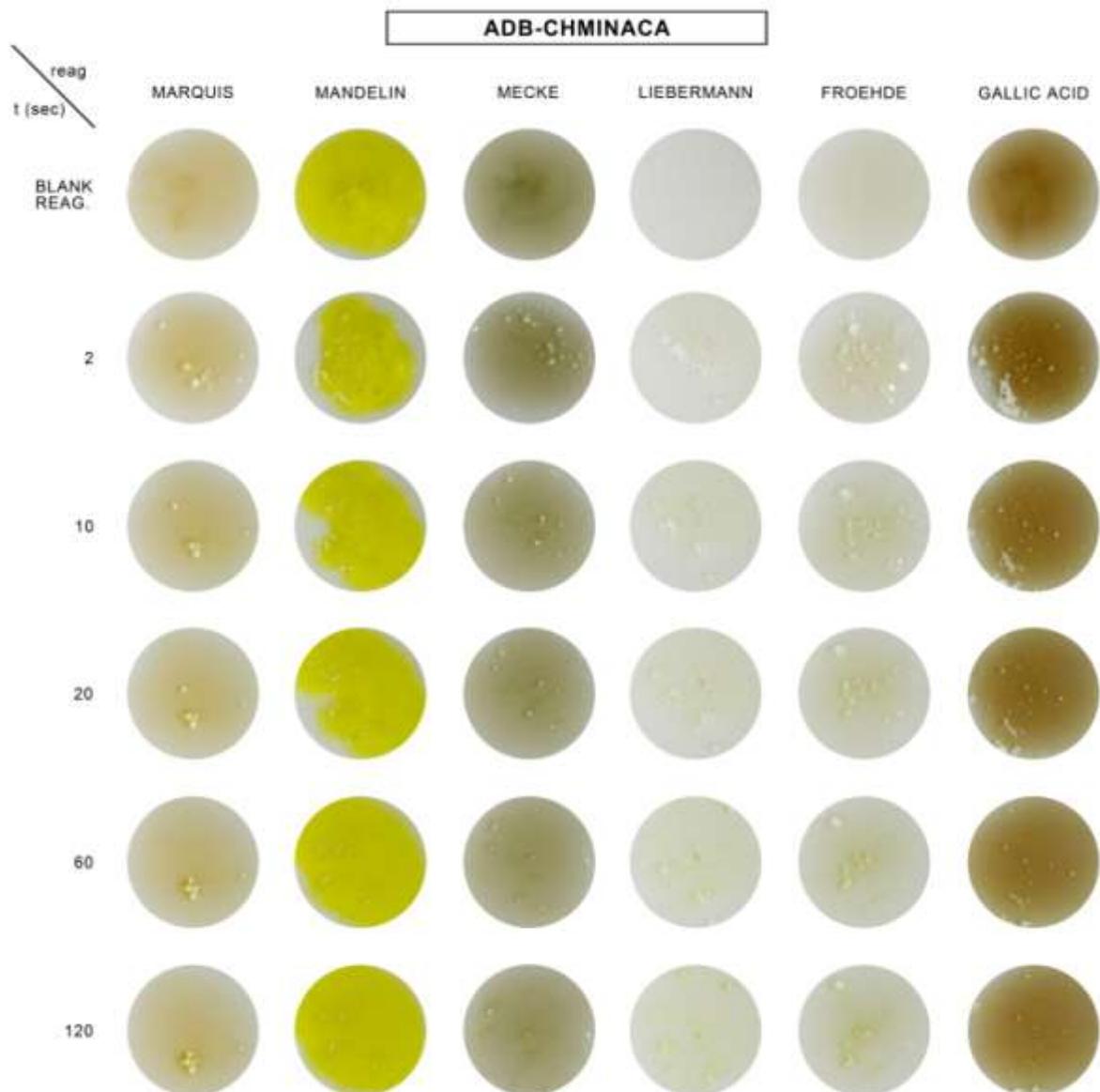
4.36. 5F-ADB-PINACA



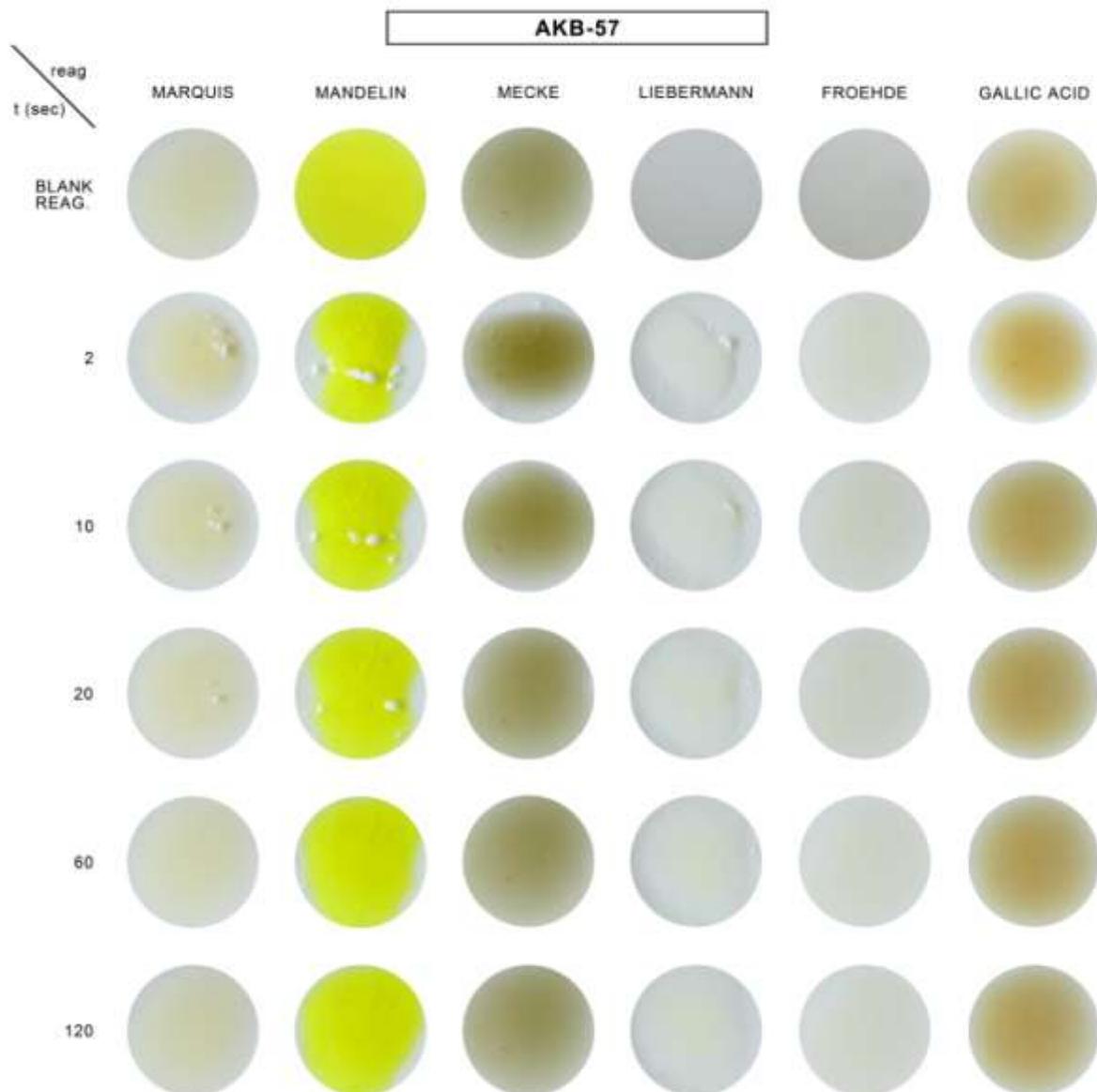
4.37. NPB-22



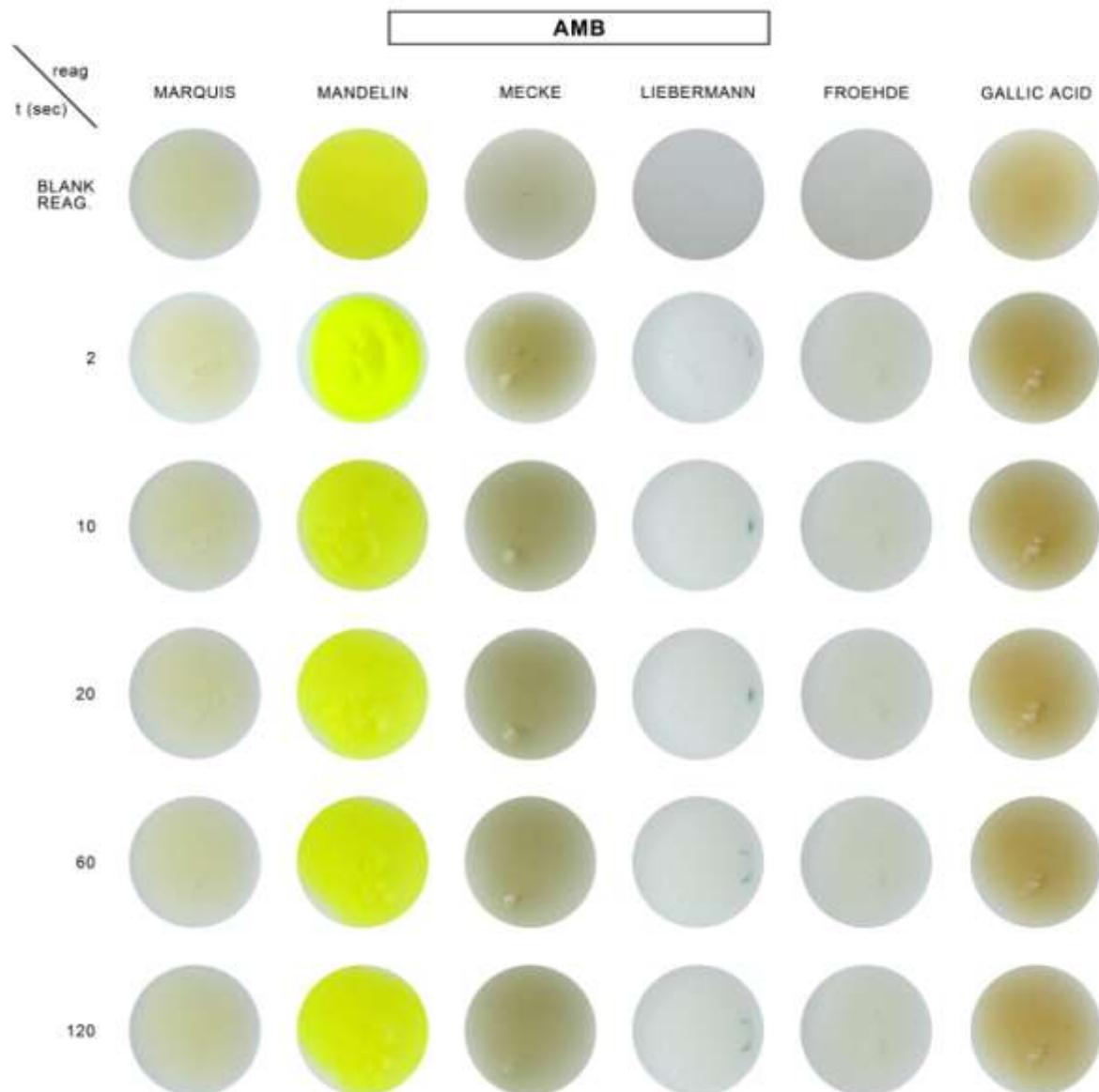
4.38. ADB-CHMINACA



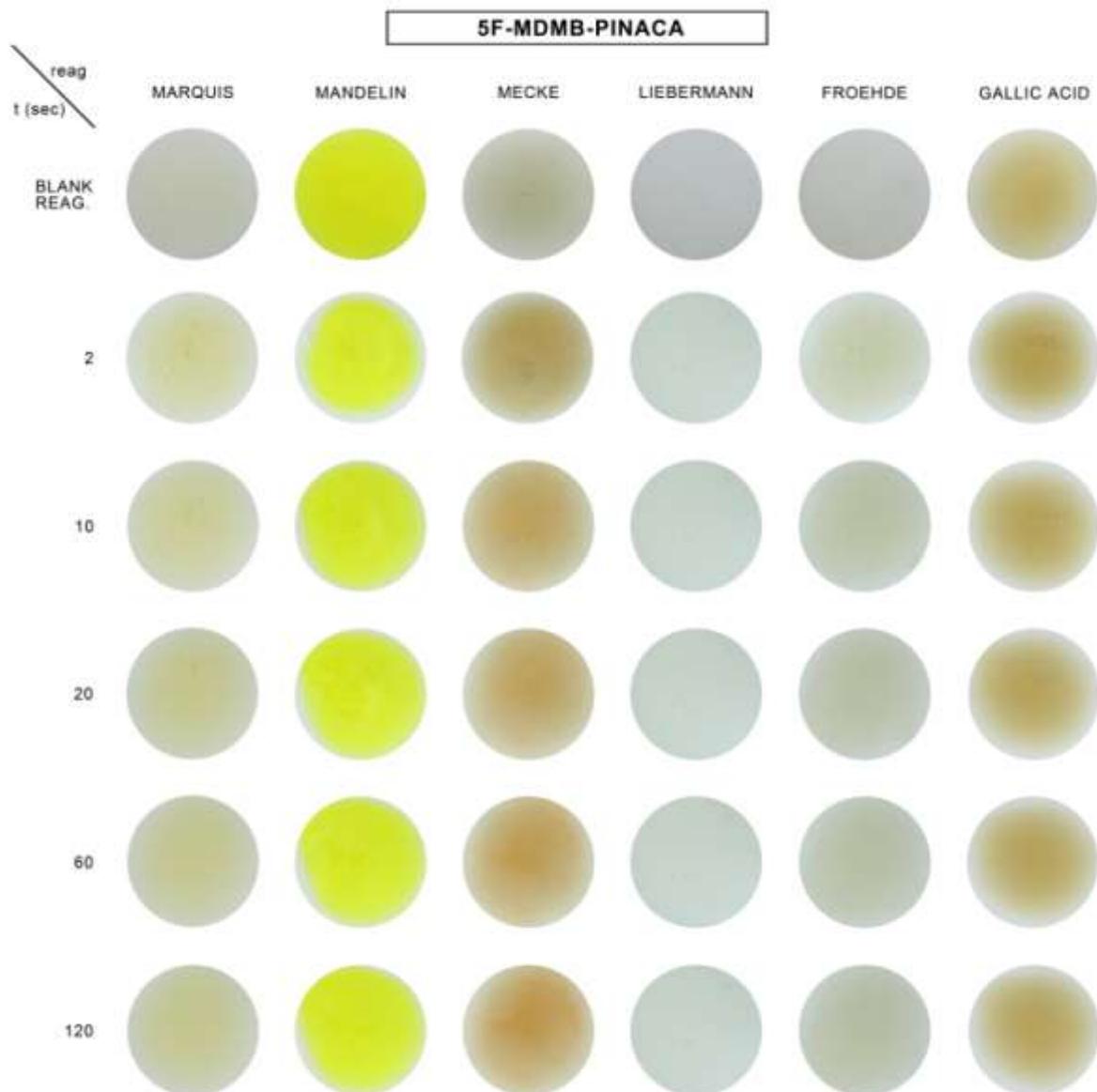
4.39. AKB-57



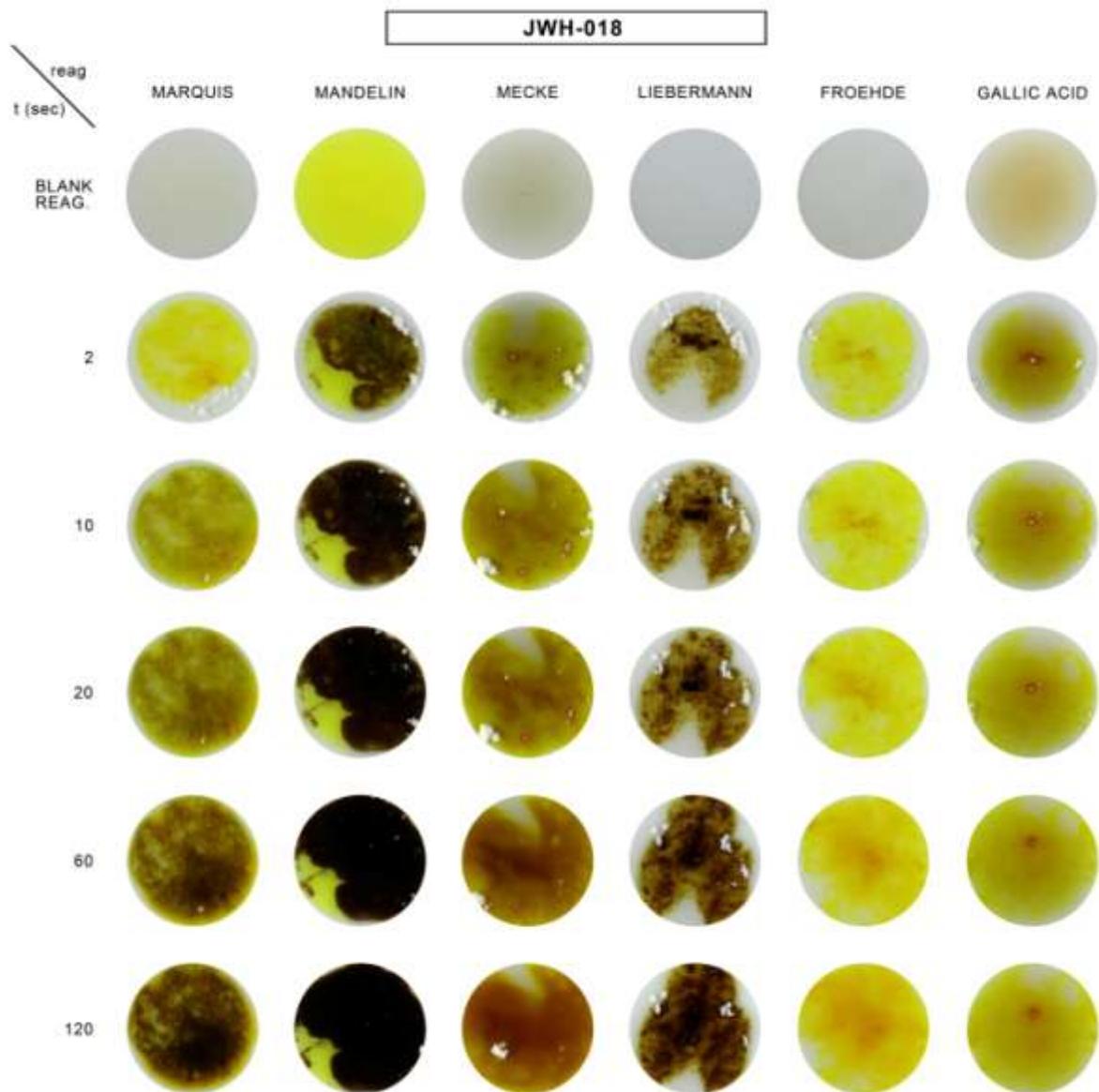
4.40. AMB



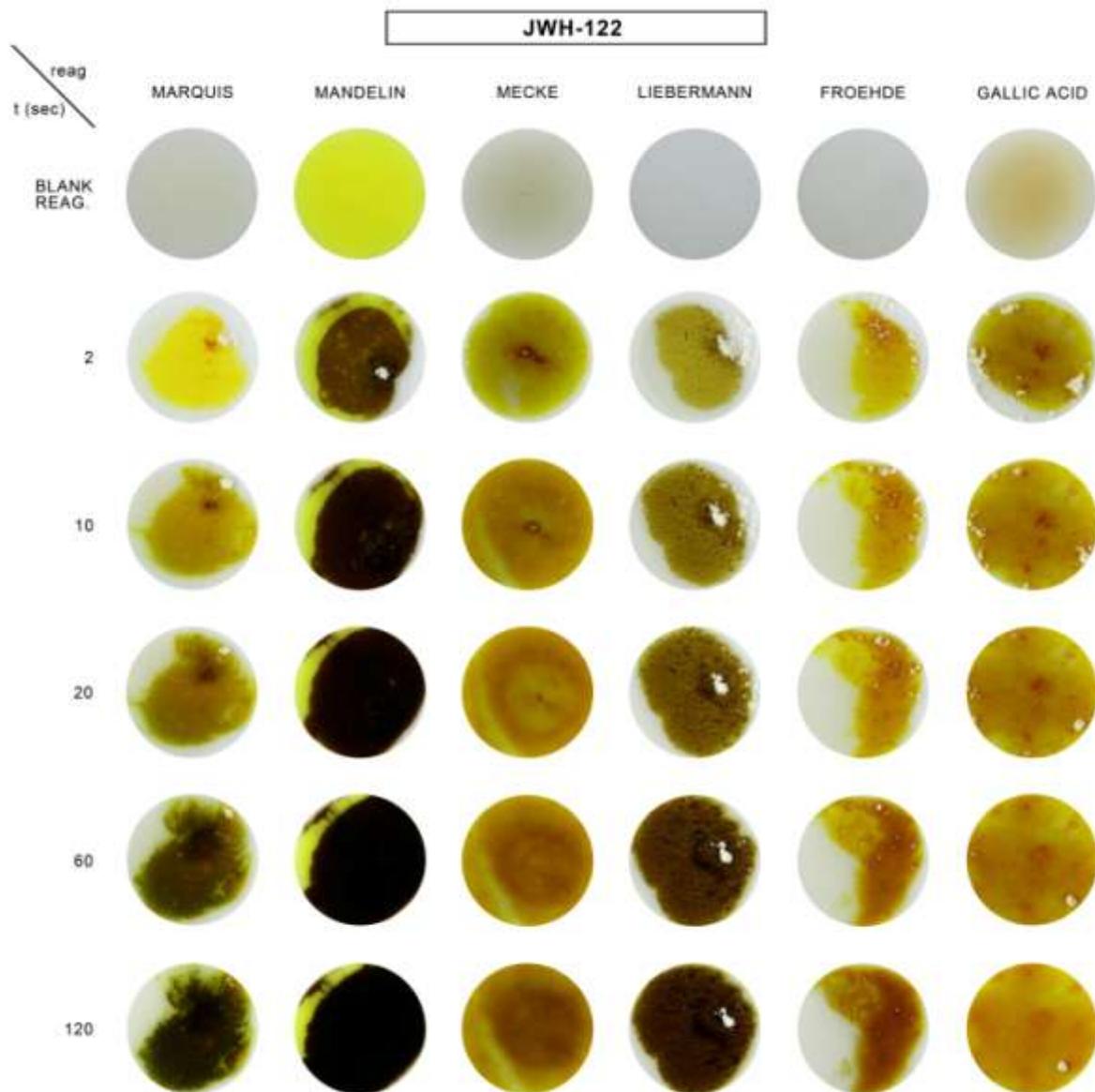
4.41. 5F-MDMB-PINACA



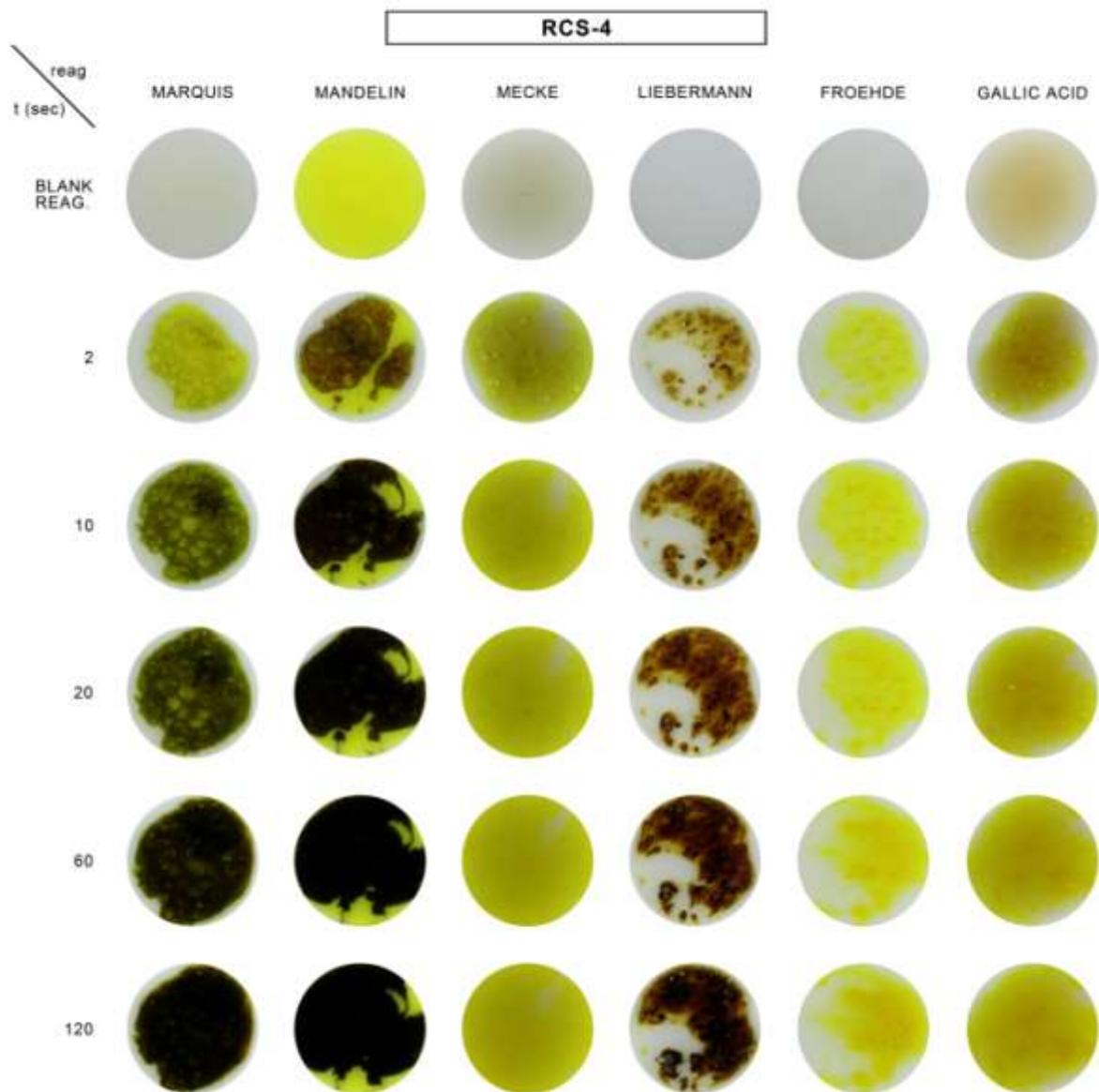
4.42. JWH-018



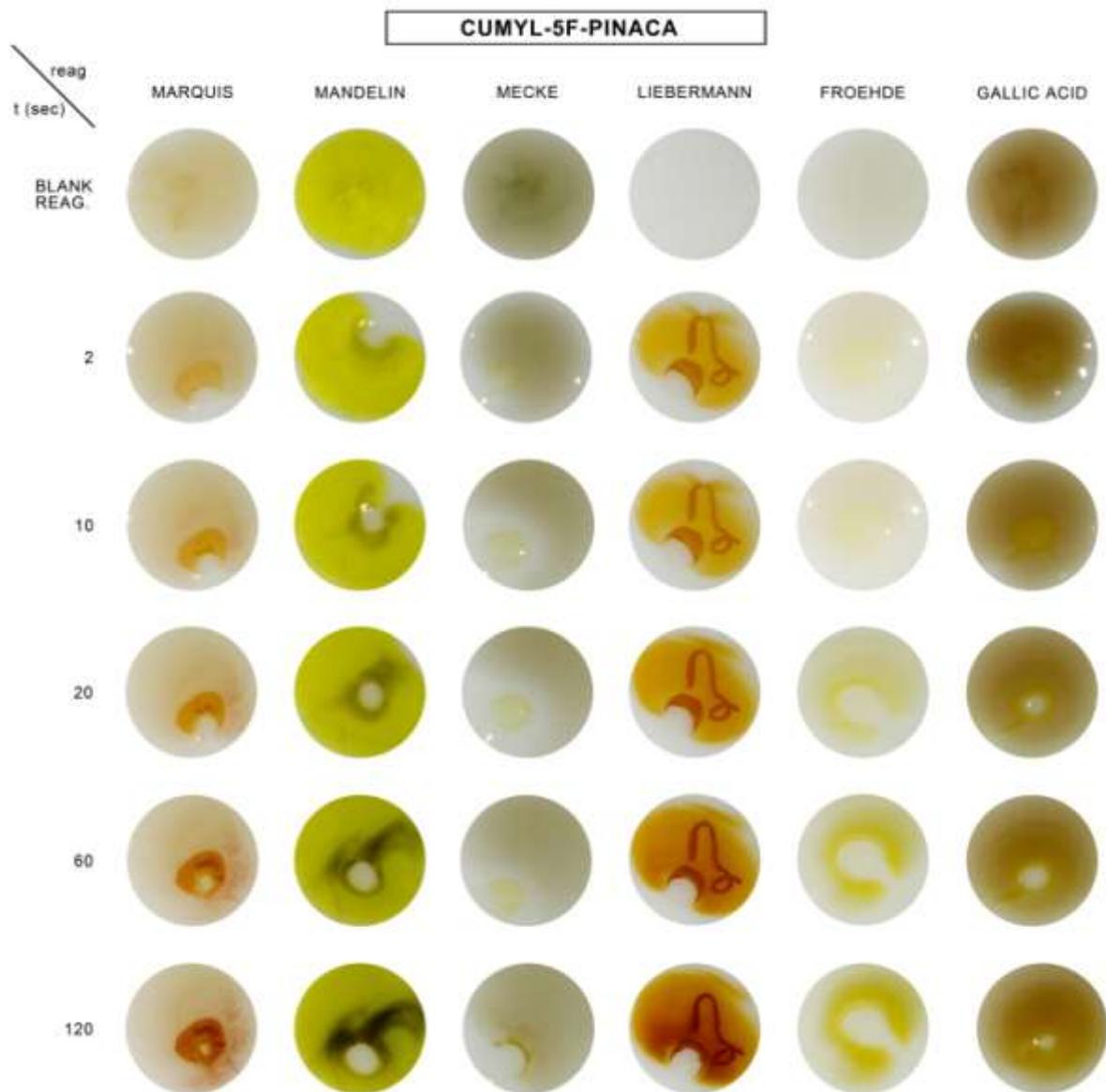
4.43. JWH-122



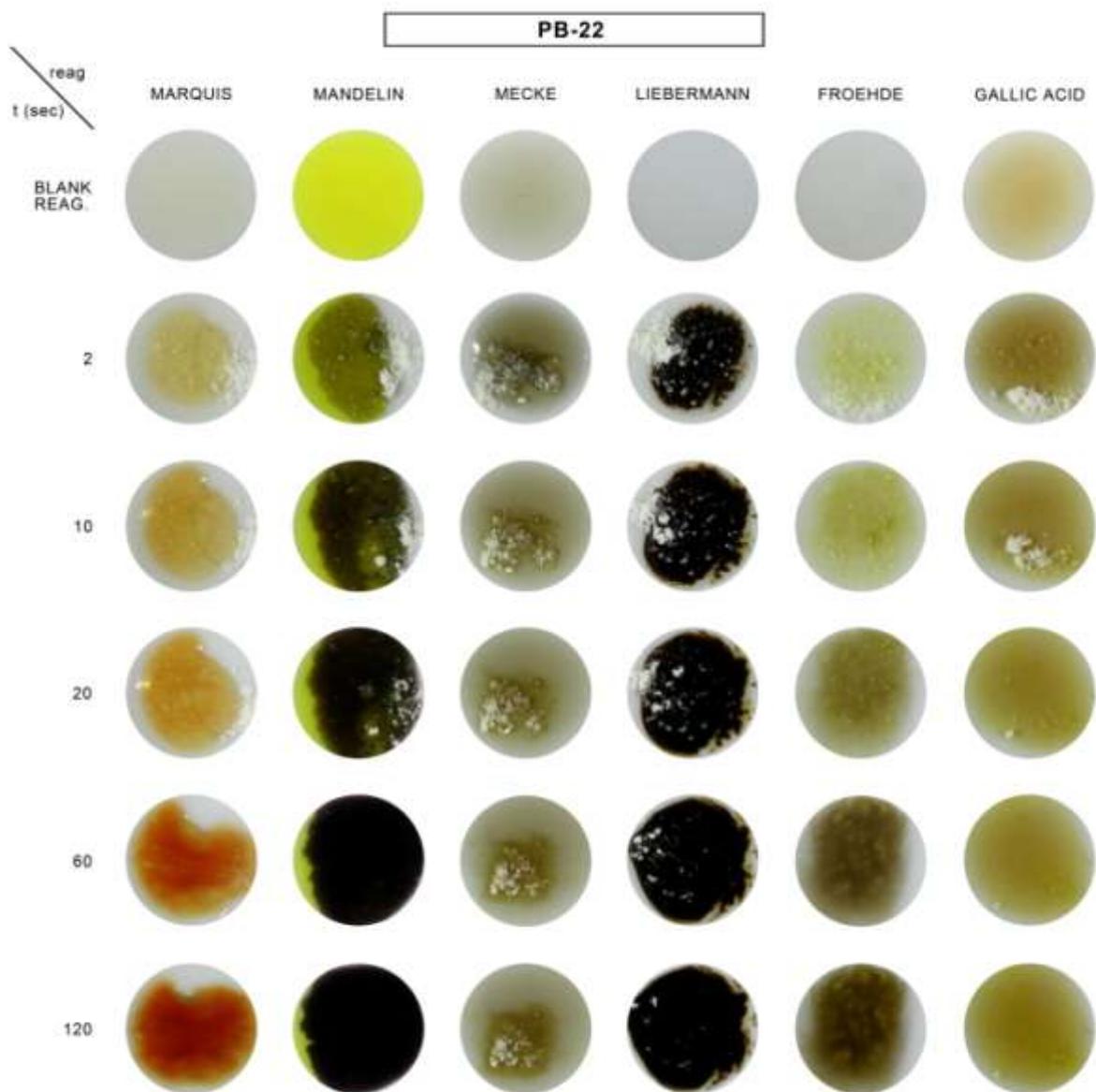
4.44. RCS-4



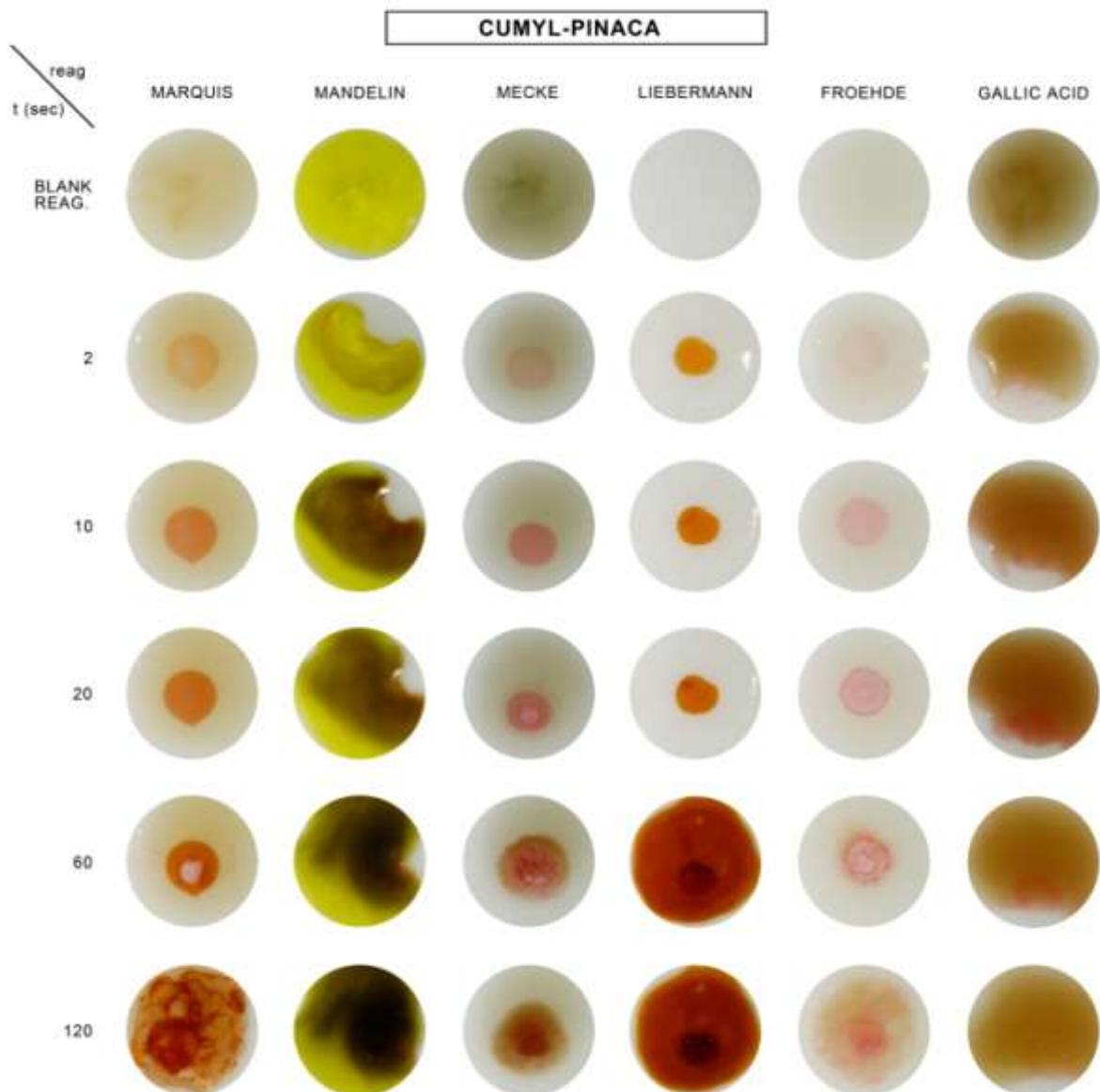
4.45. CUMYL-5F-PINACA



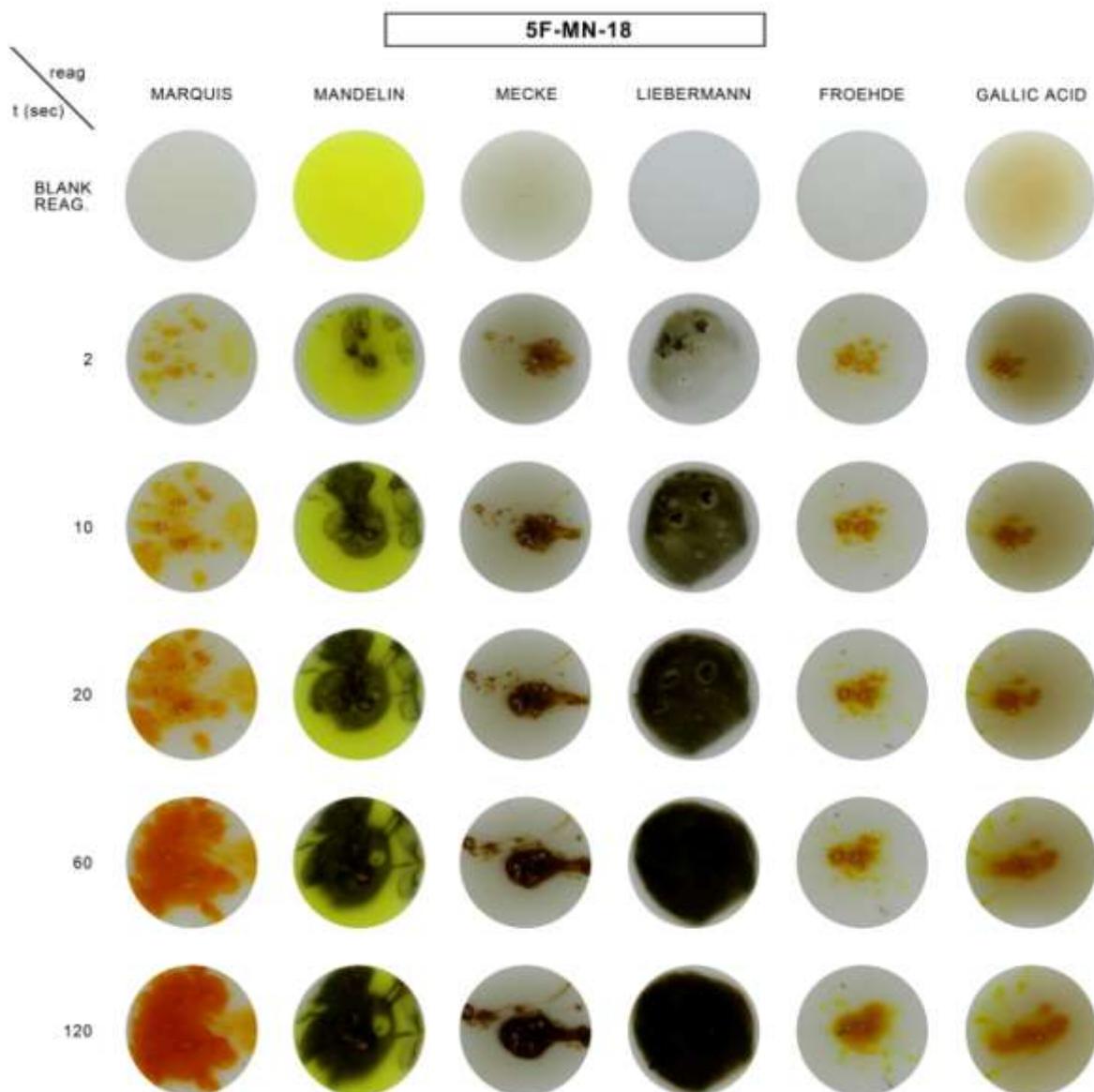
4.46. PB-22



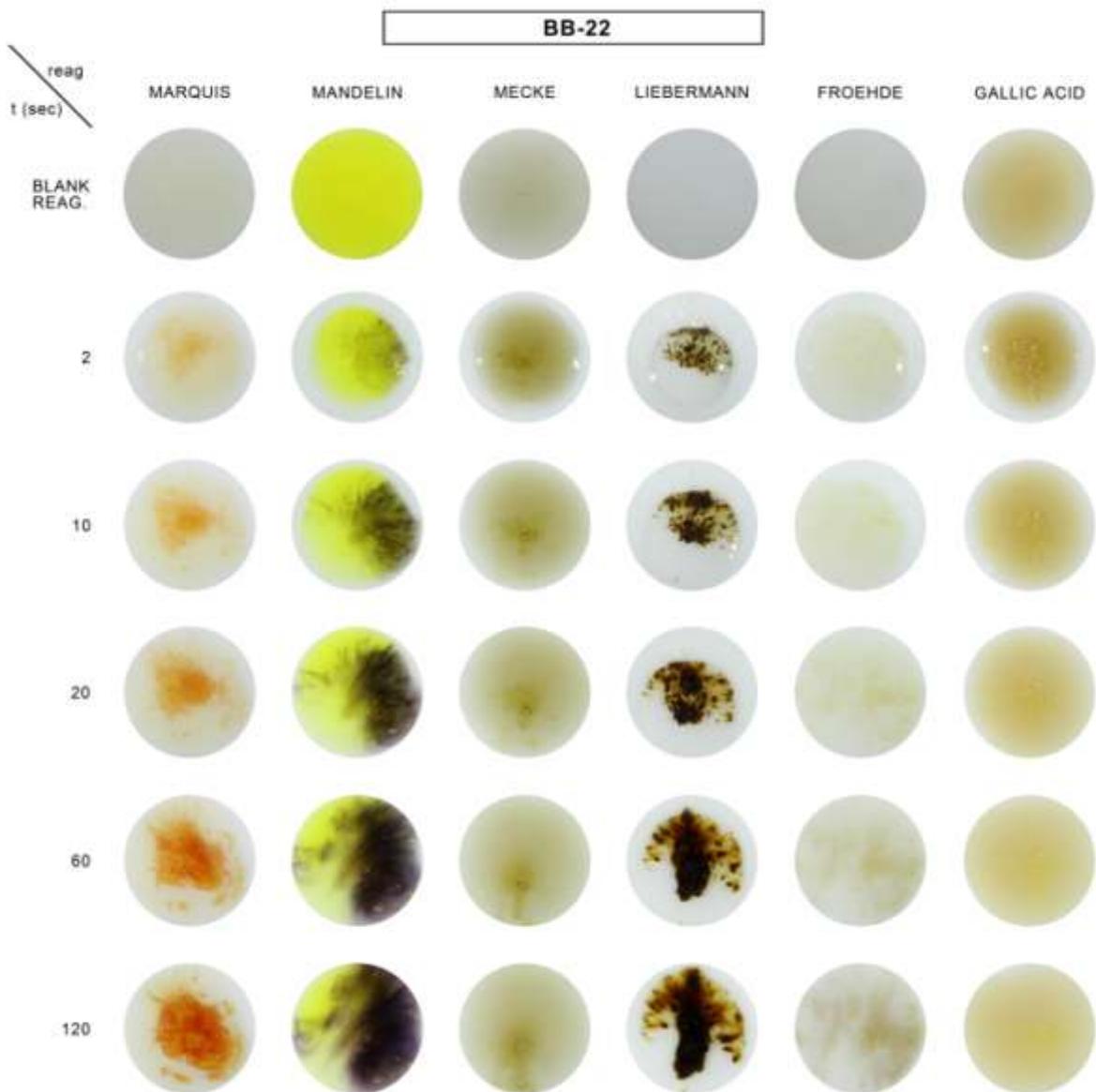
4.47. CUMYL-PINACA



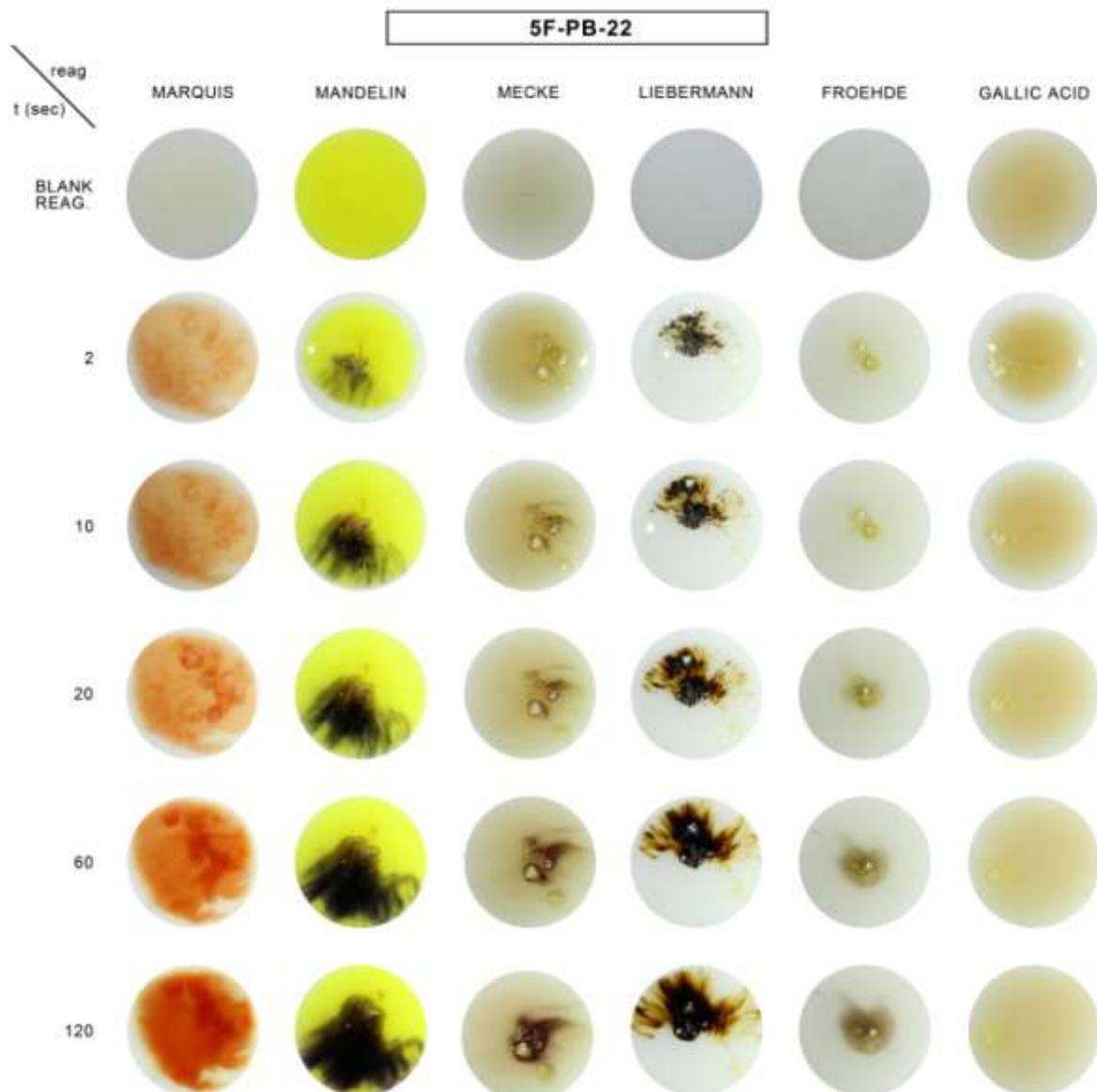
4.48. 5F-MN-18



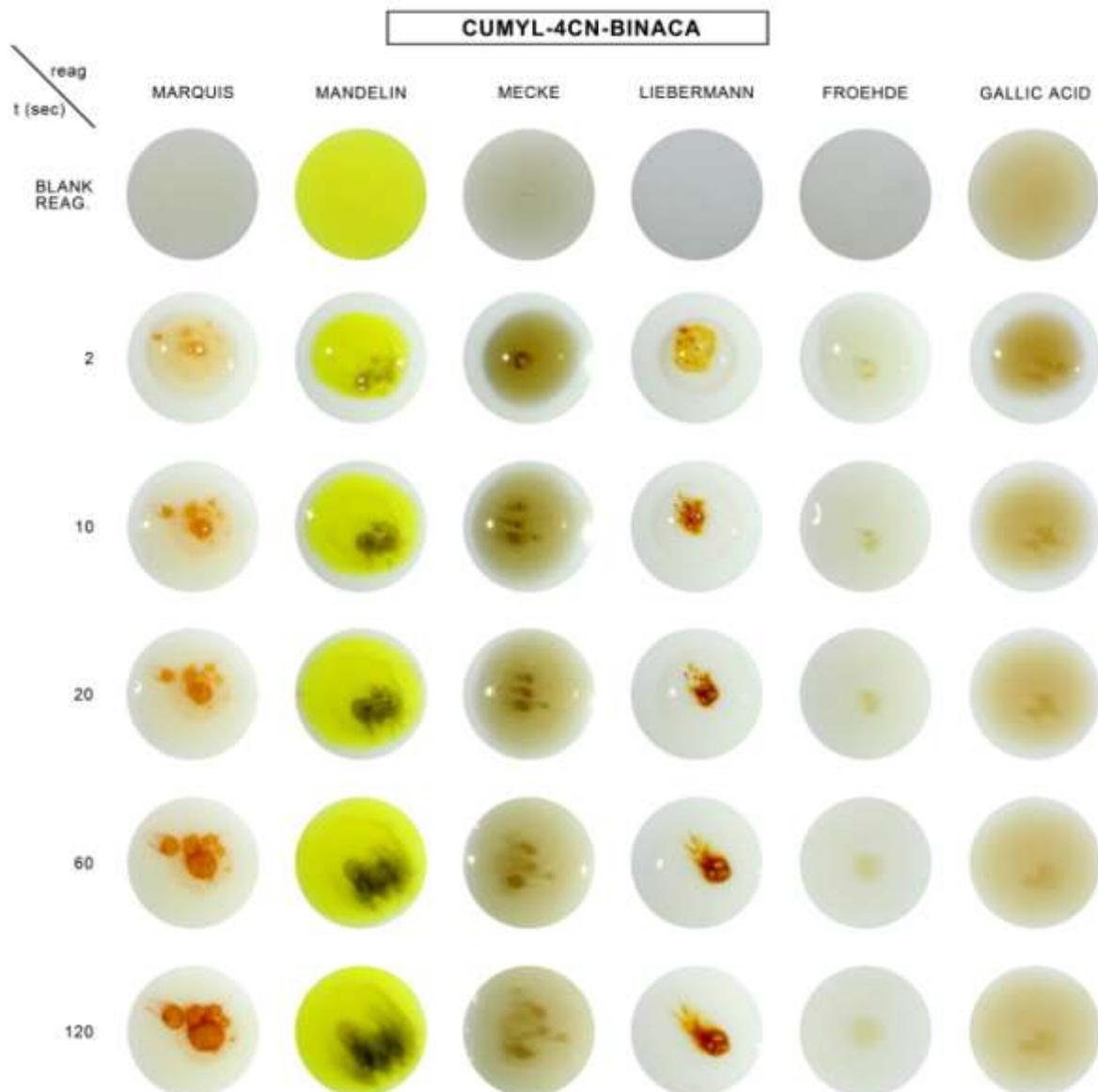
4.49. BB-22



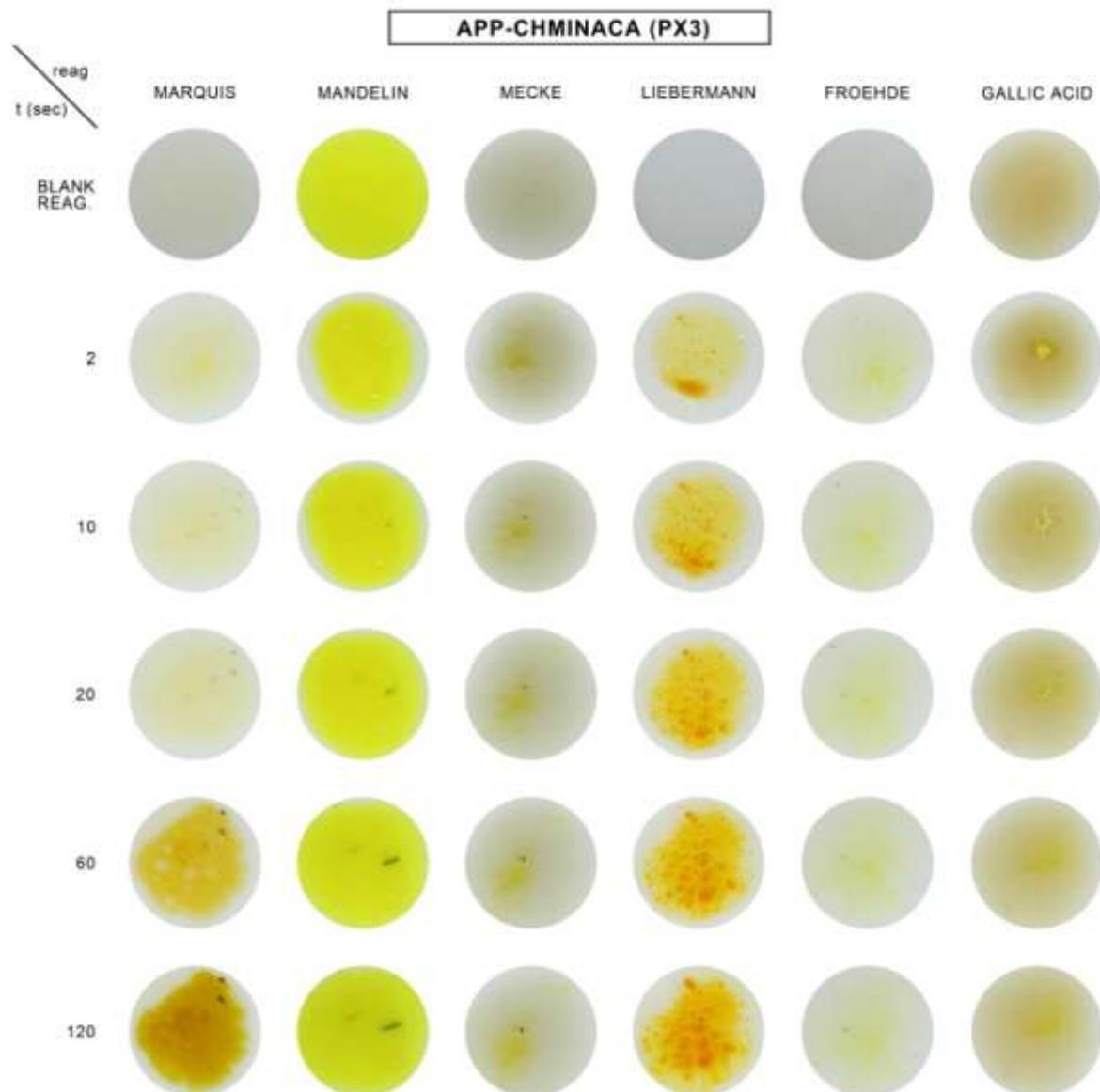
4.50. 5F-PB-22



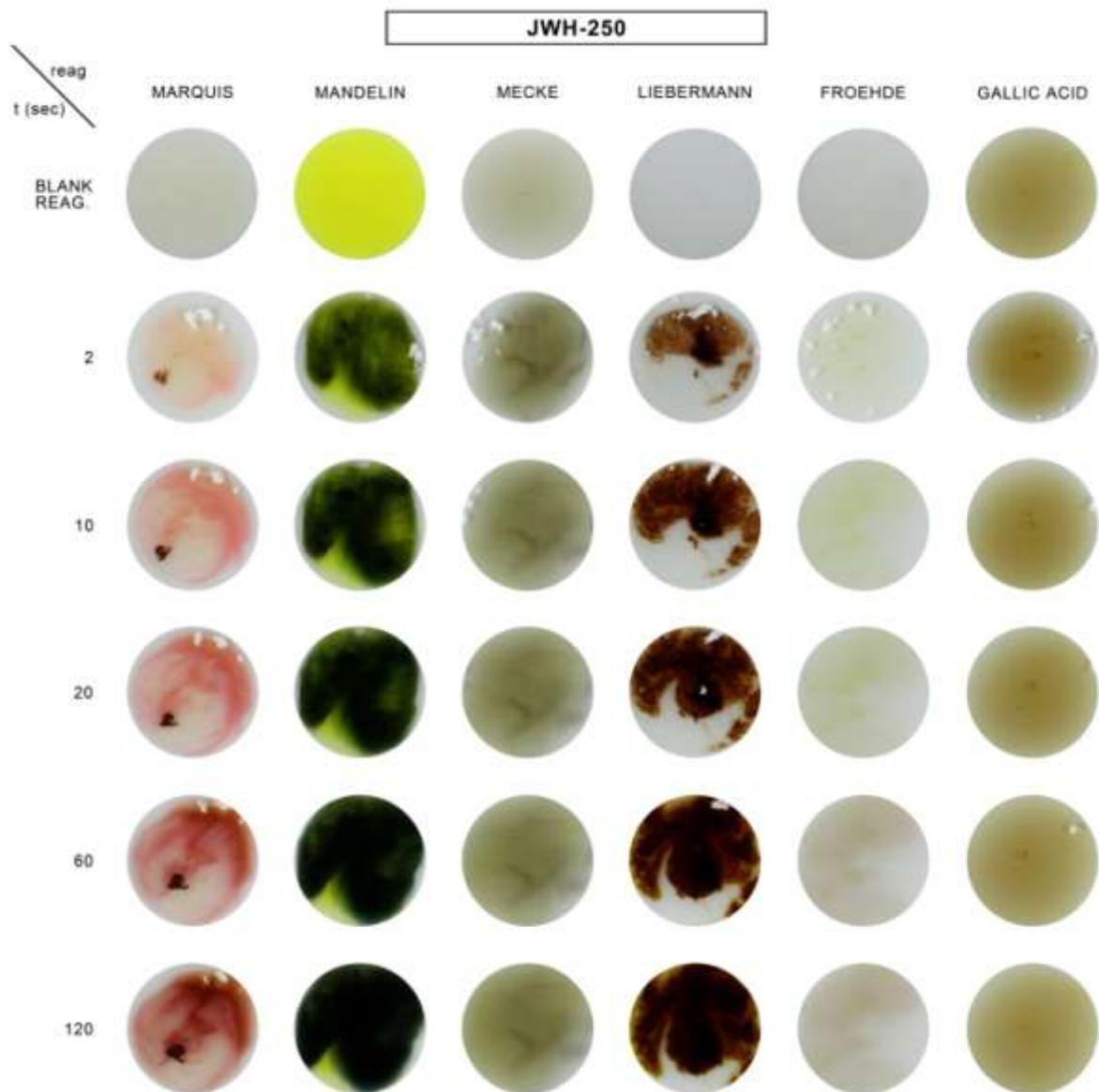
4.51. CUMYL-4CN-BINACA



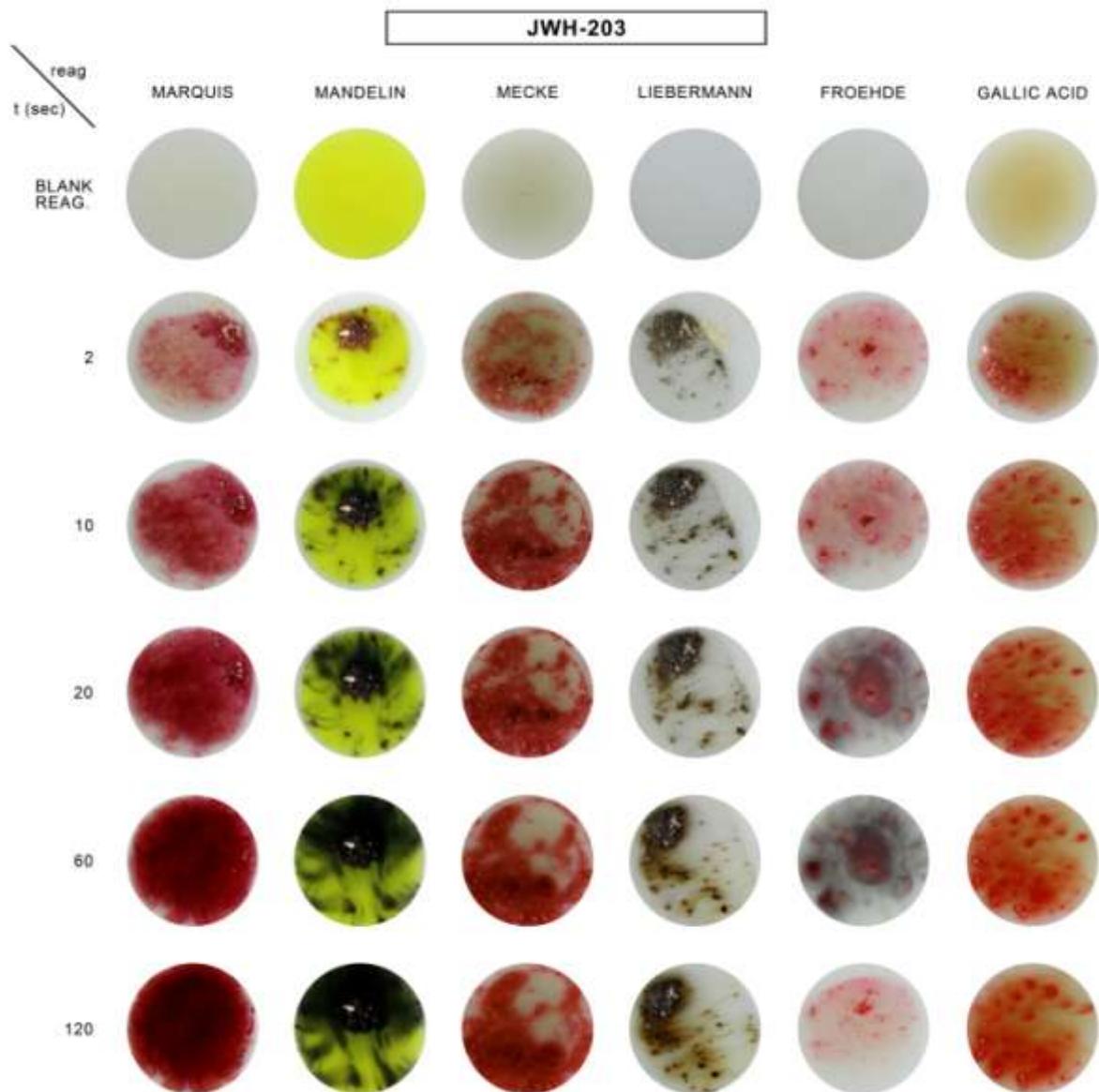
4.52. APP-CHMINACA_(PX3)



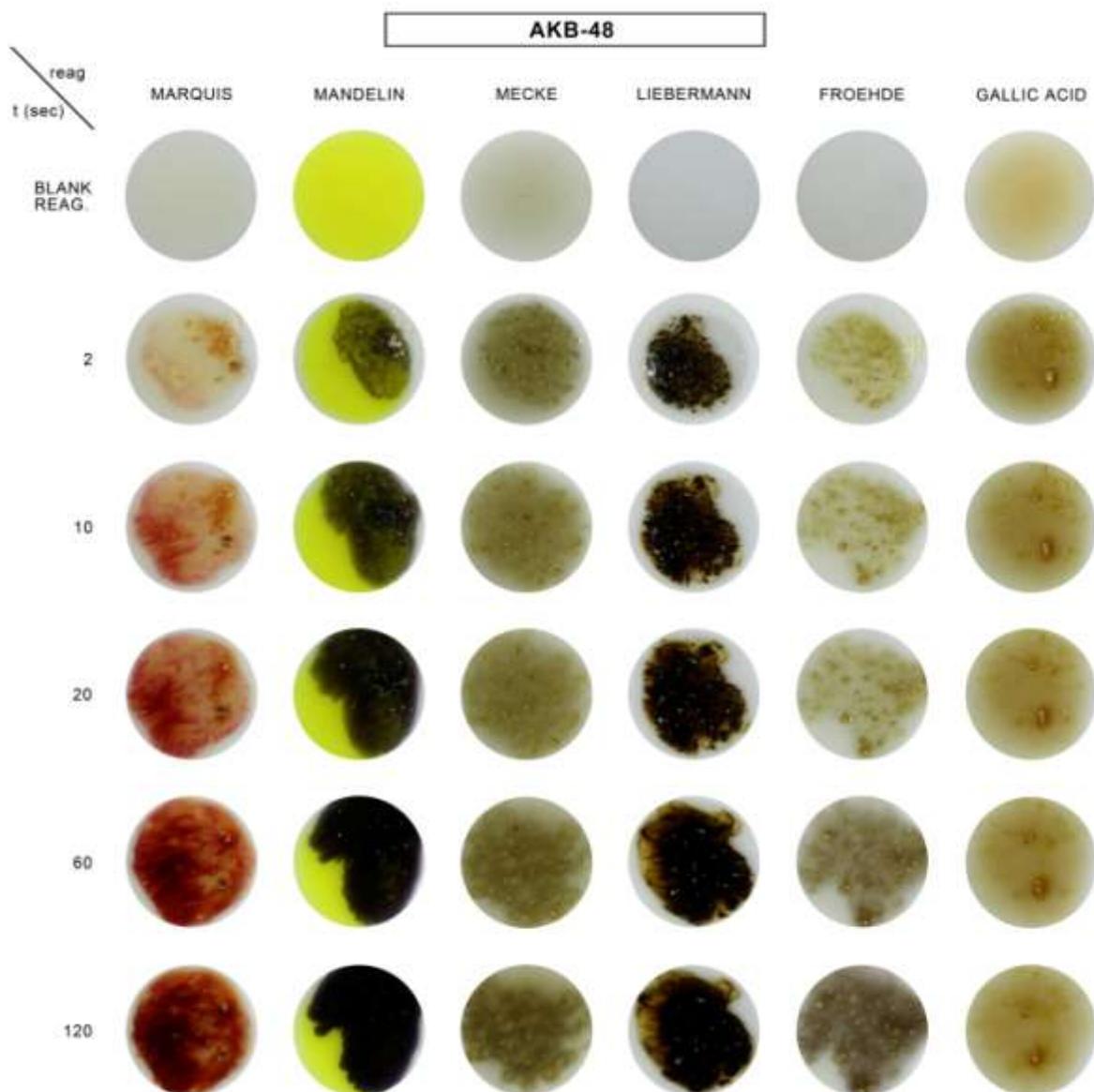
4.53. JWH-250



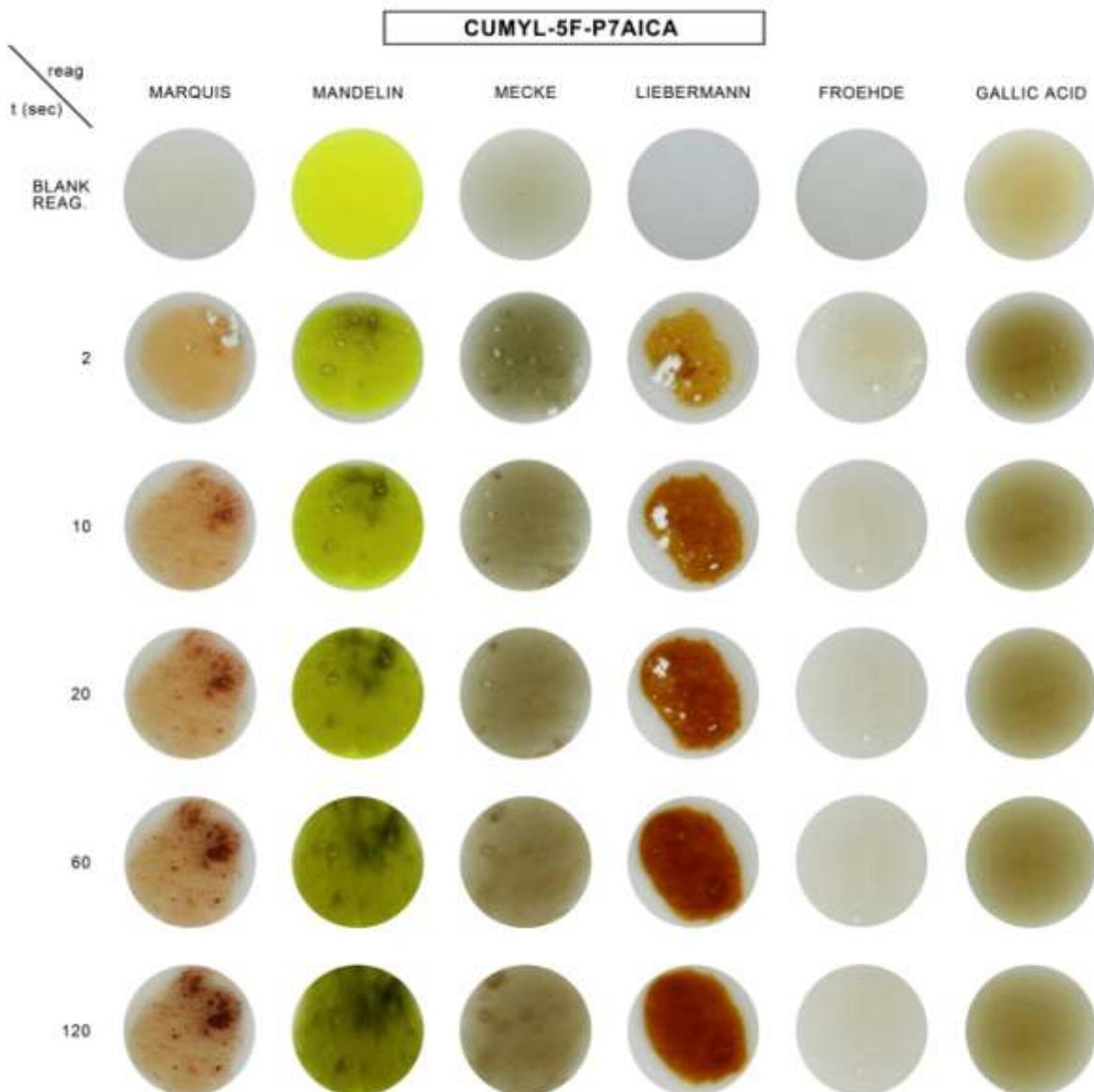
4.54. JWH-203



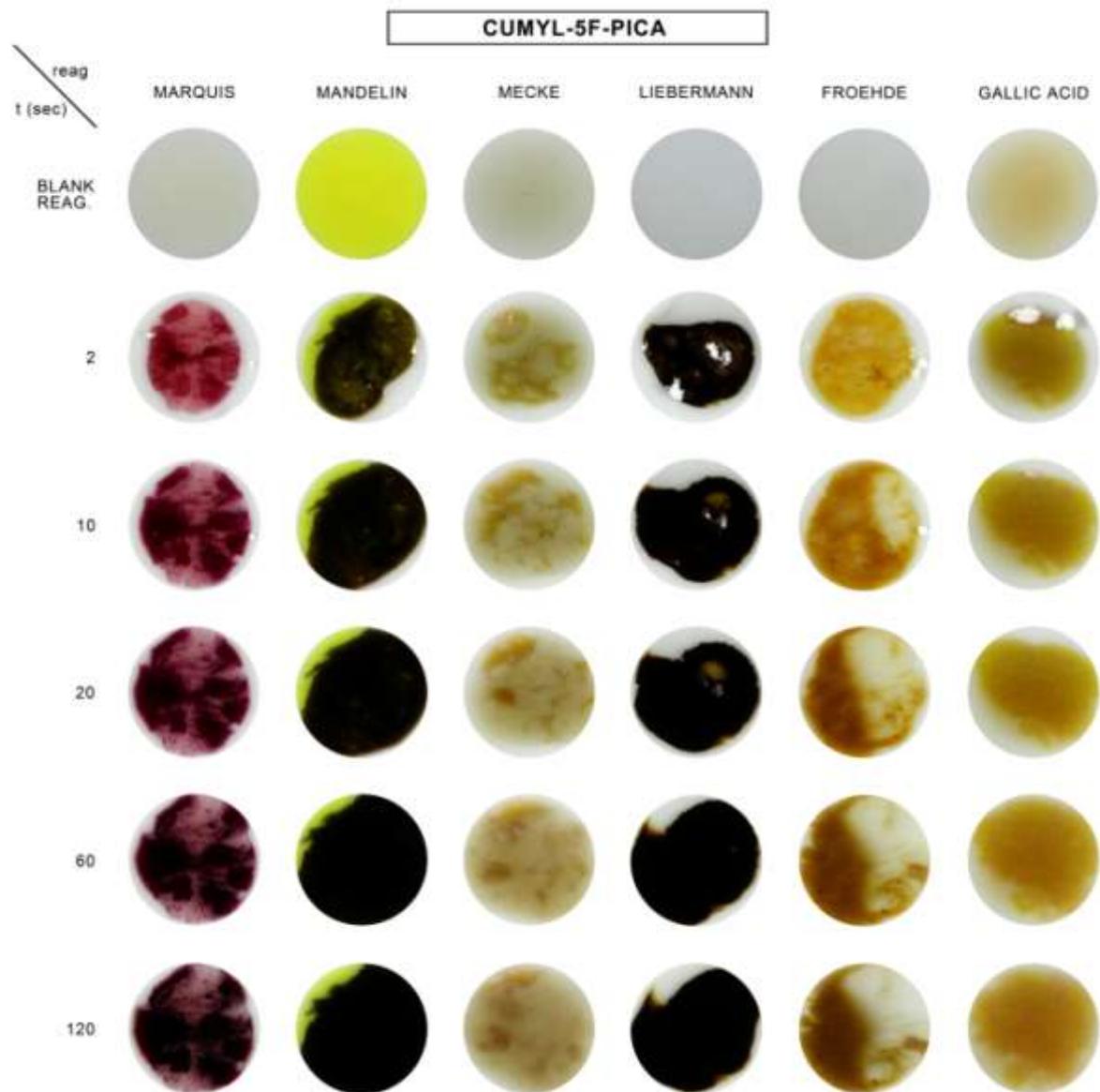
4.55. AKB-48



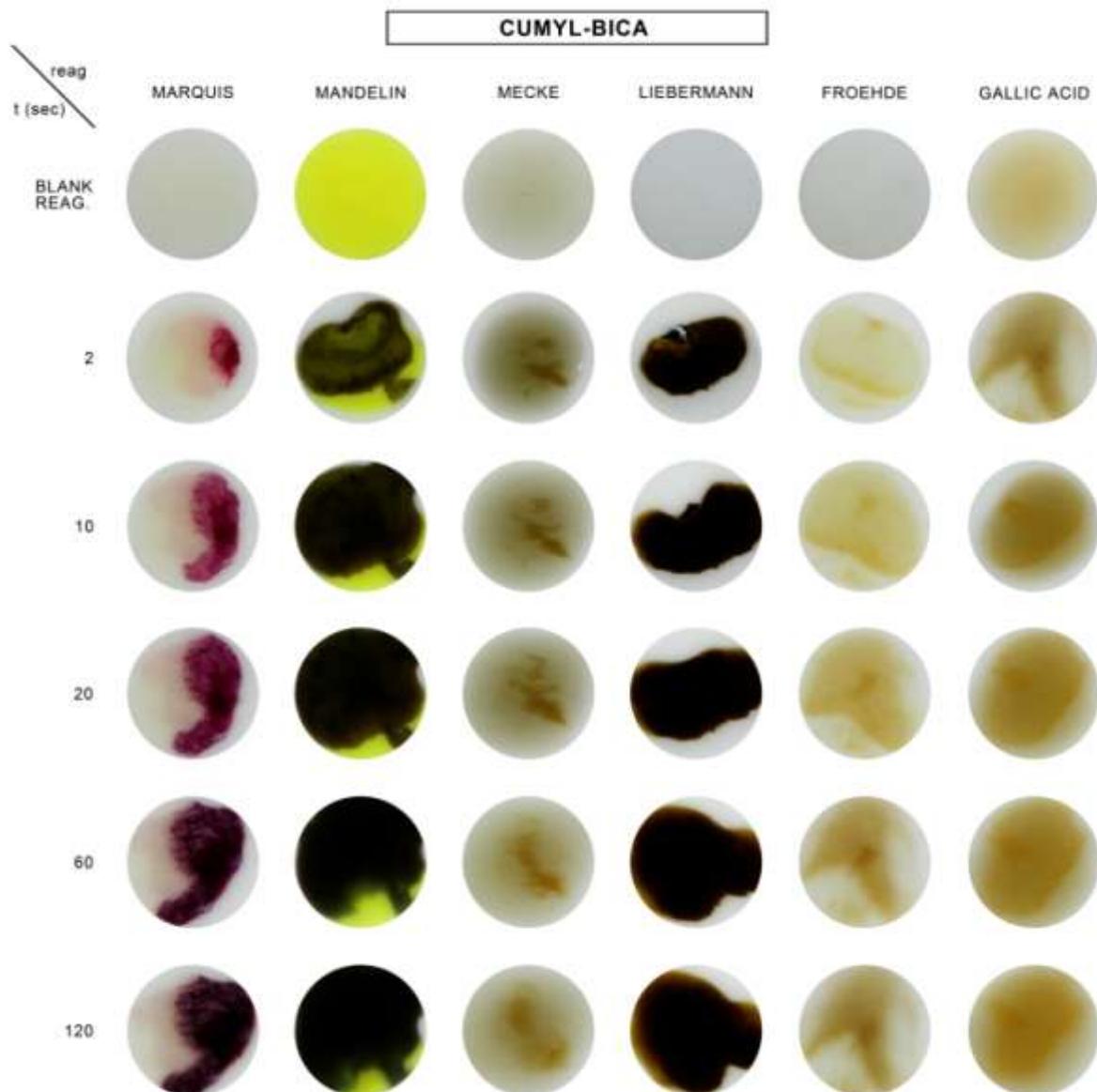
4.56. CUMYL-5F-P7AICA



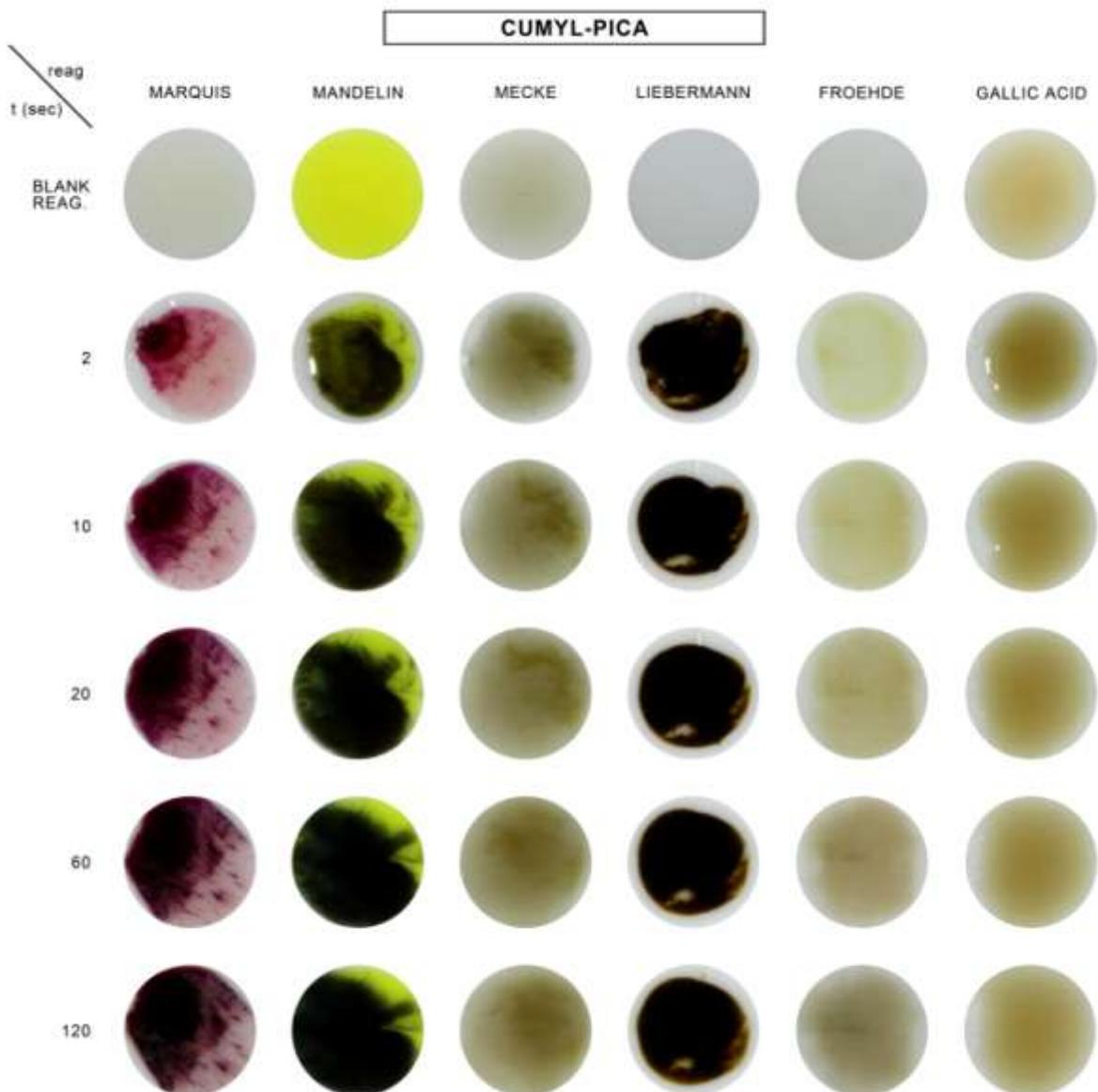
4.57. CUMYL-5F-PICA



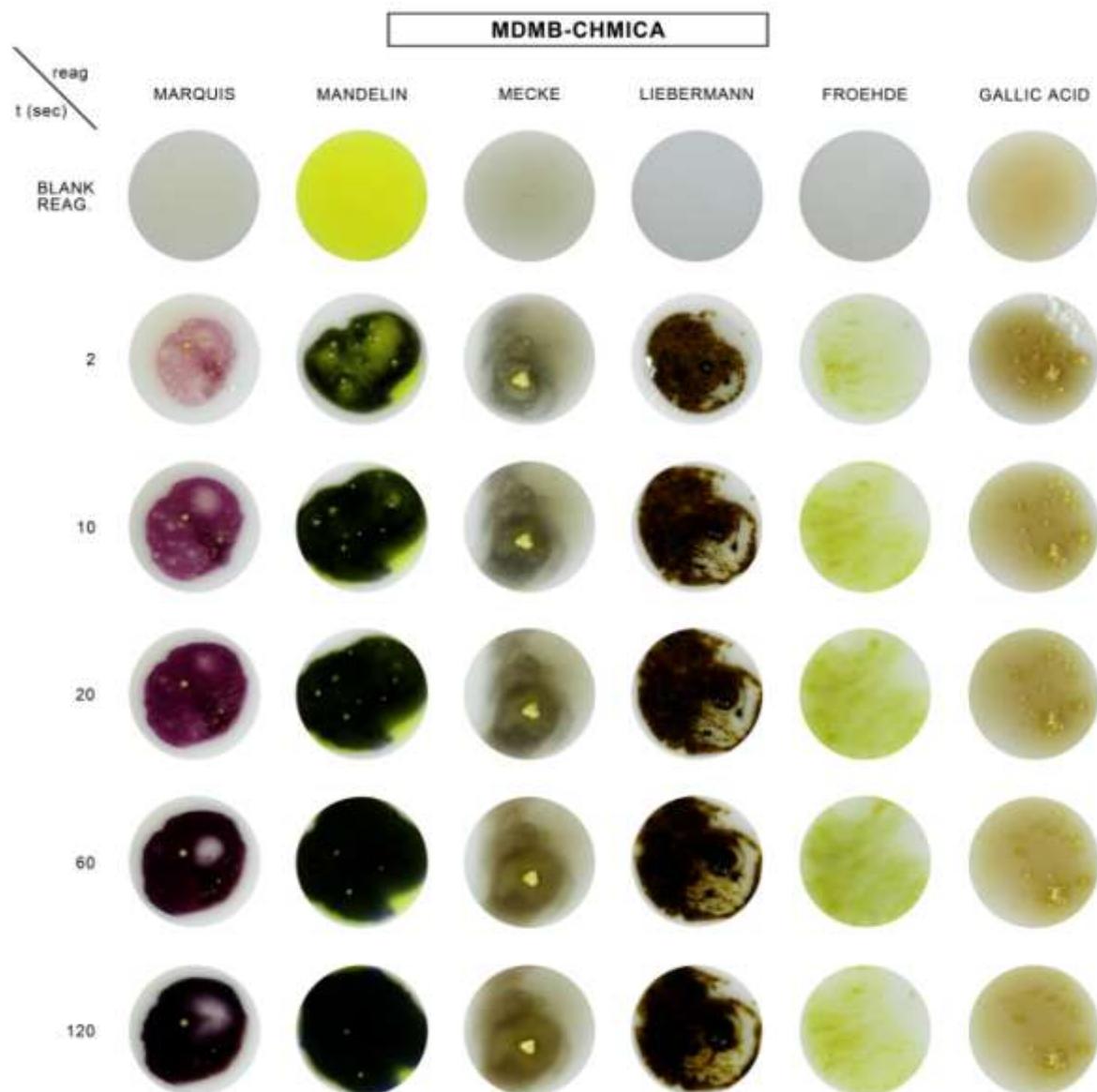
4.58. CUMYL-BICA



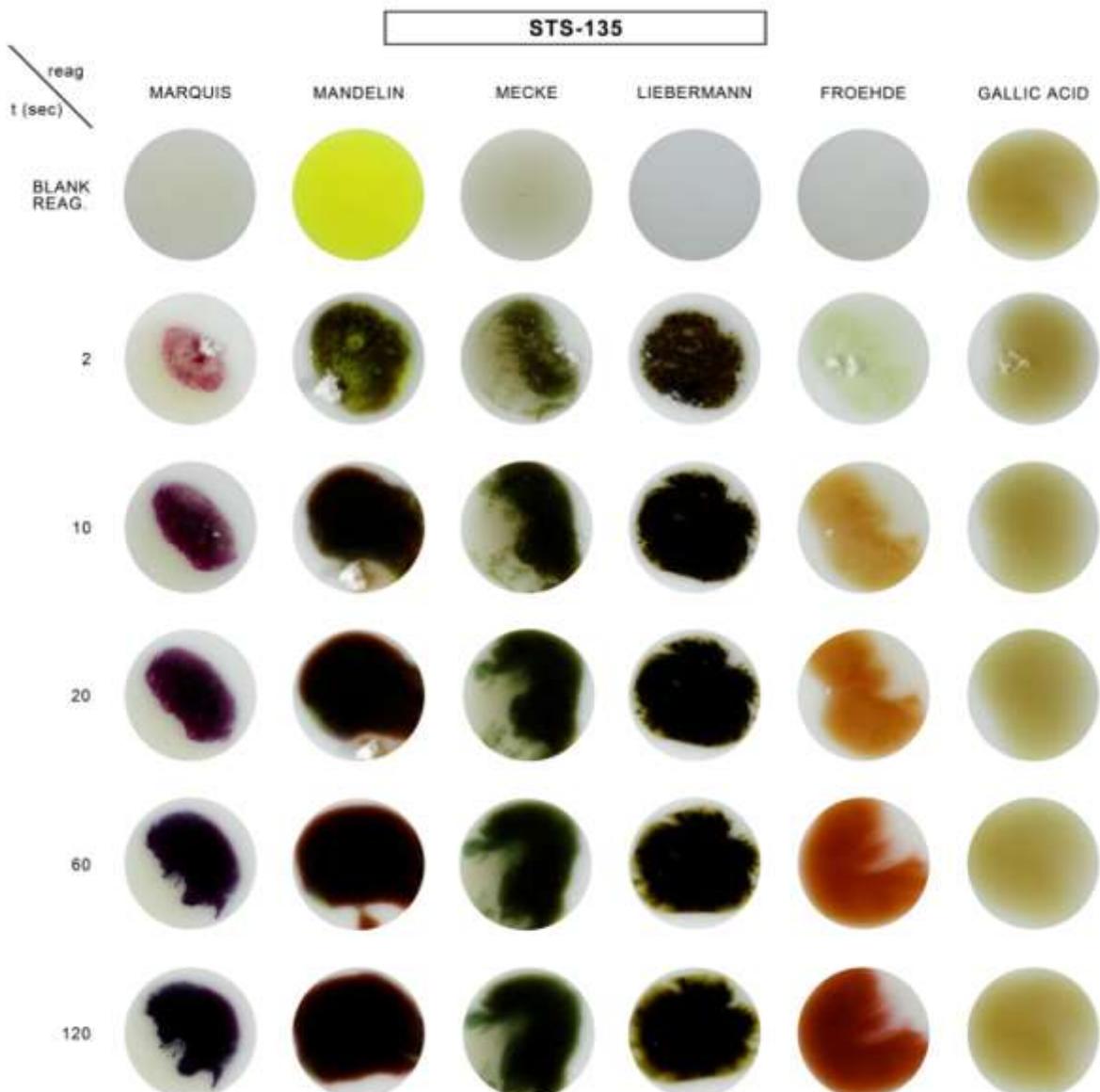
4.59. CUMYL-PICA



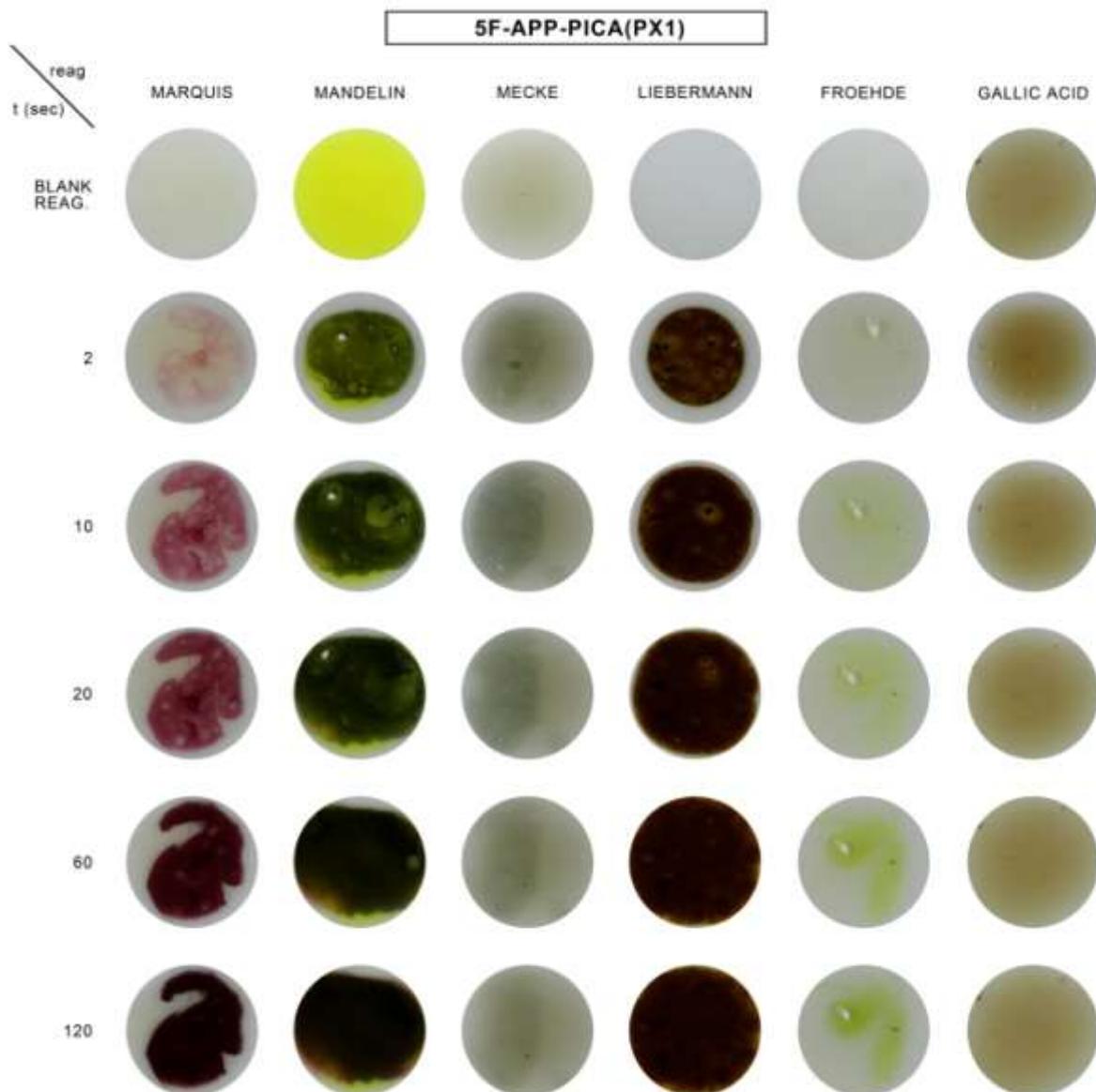
4.60. MDMB-CHMICA



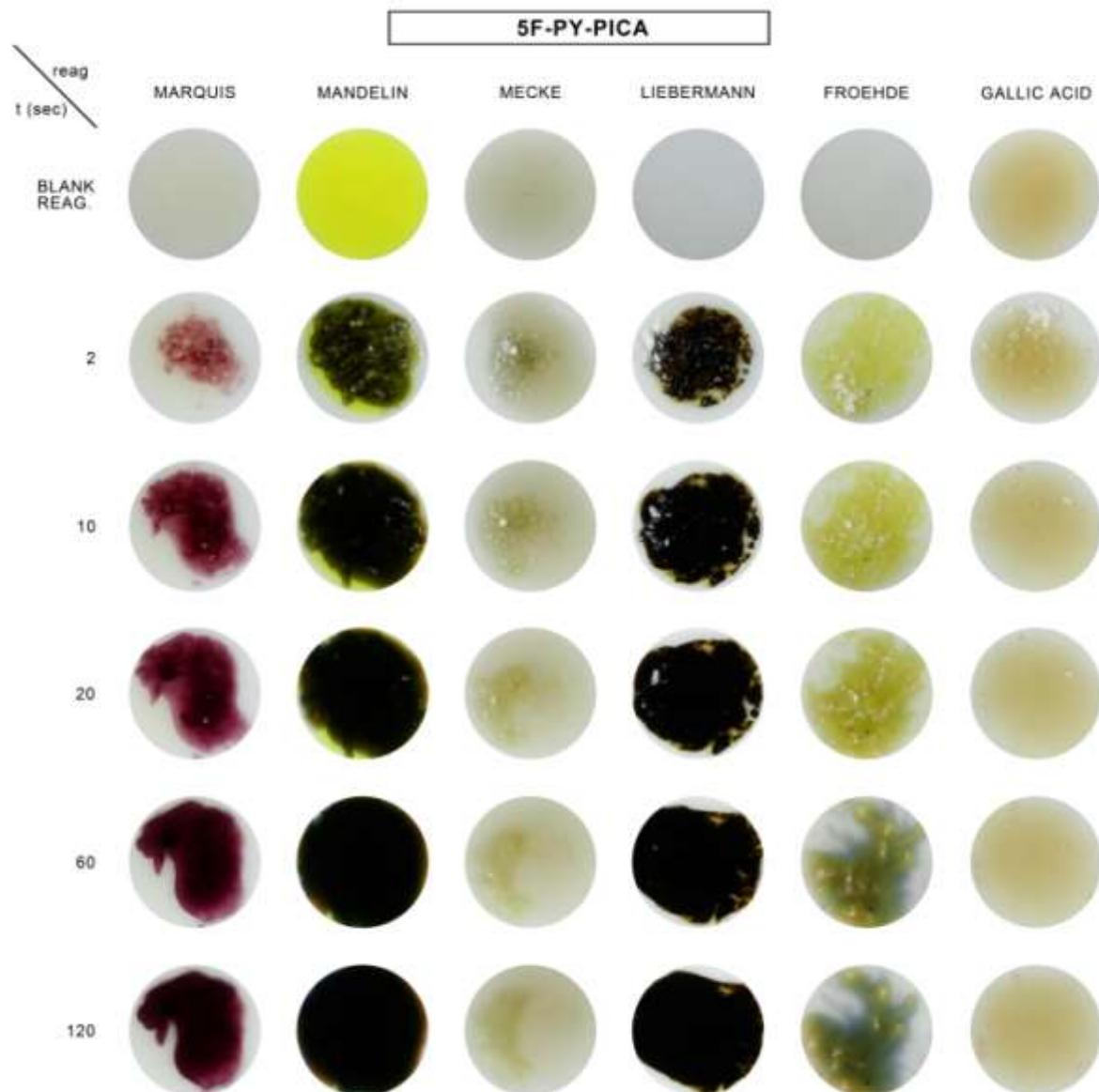
4.61. STS-135



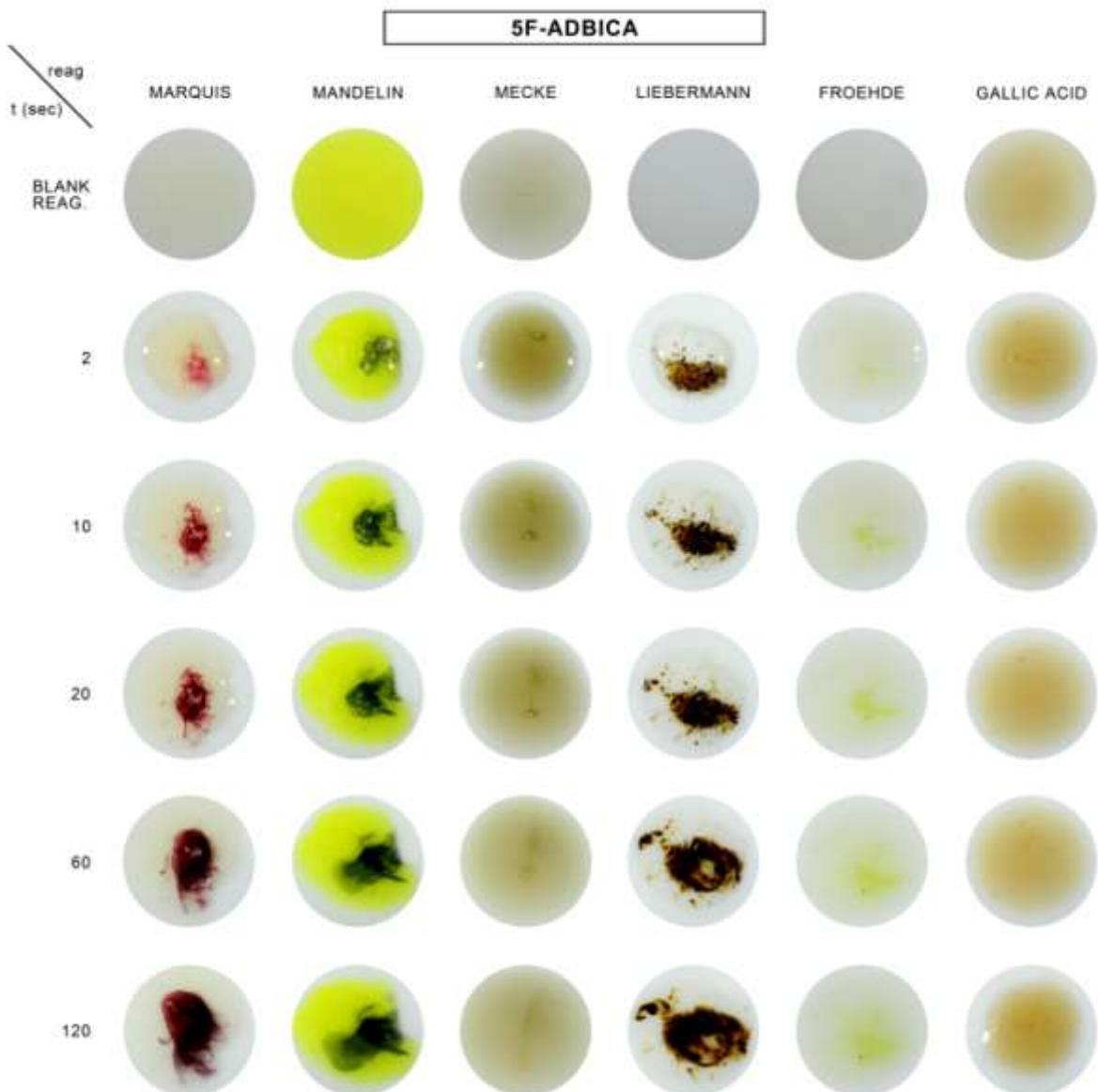
4.62. 5F-APP-PICA(PX1)



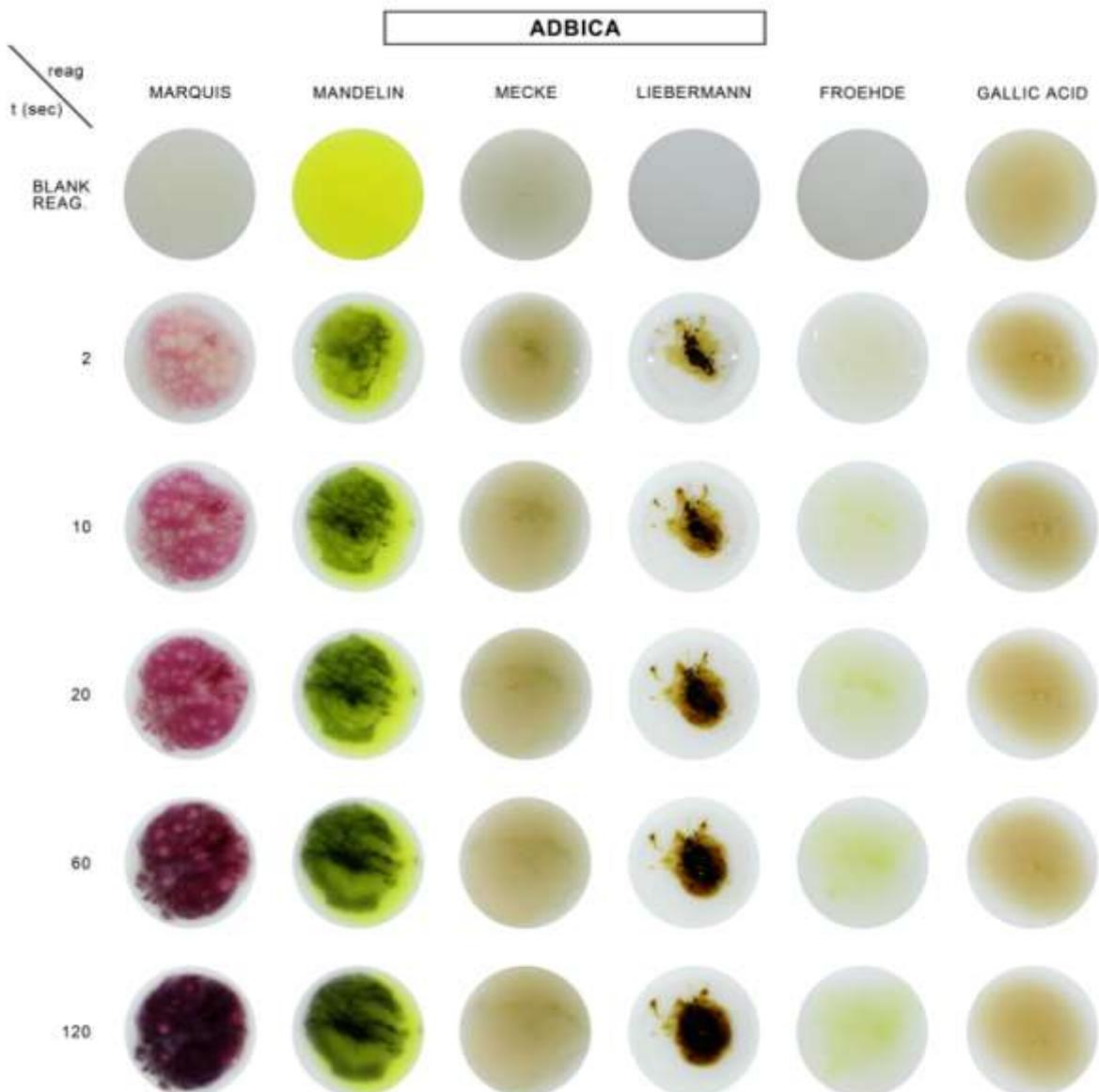
4.63. 5F-PY-PICA



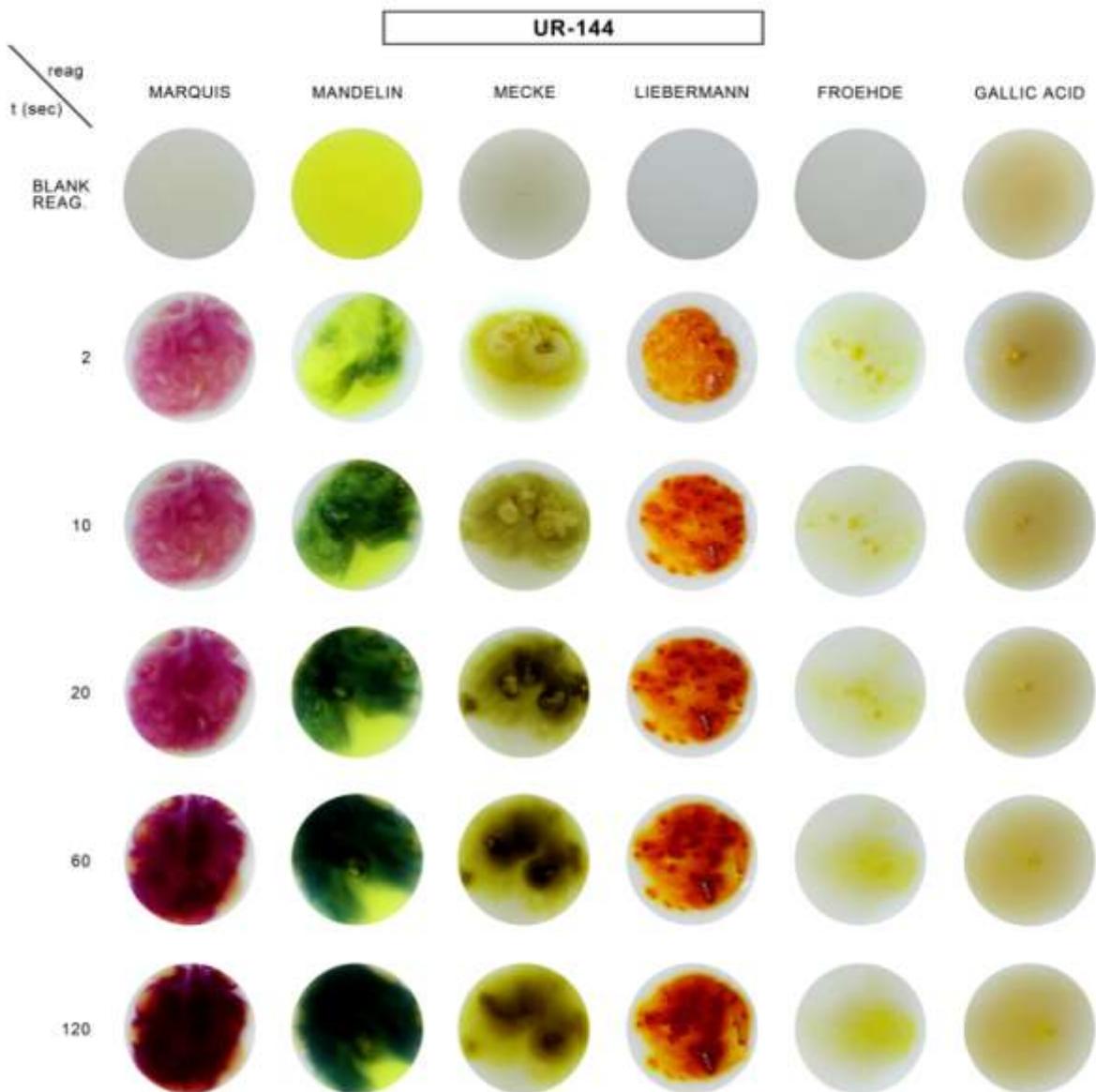
4.64. 5F-ADBICA



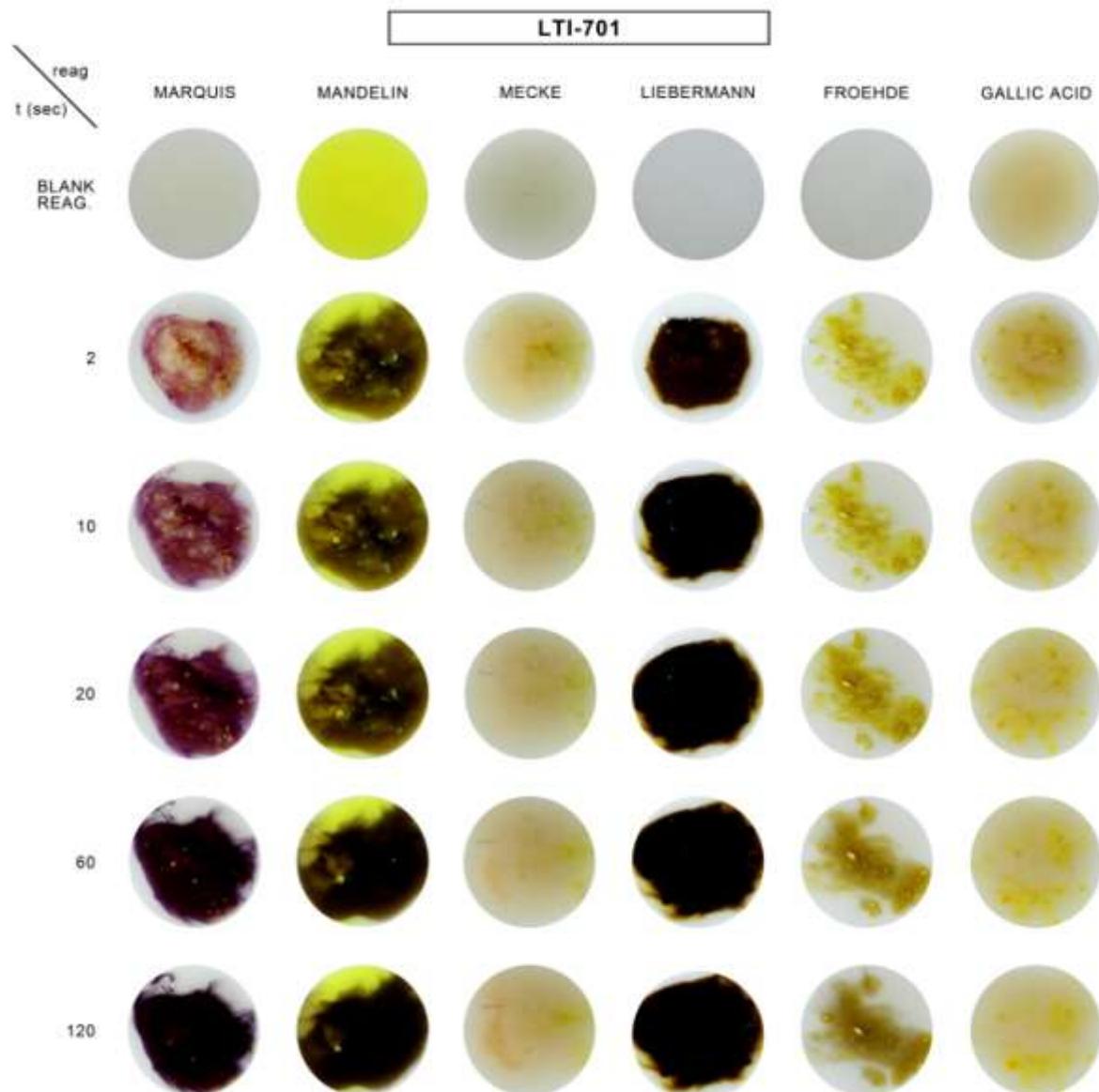
4.65. ADBICA



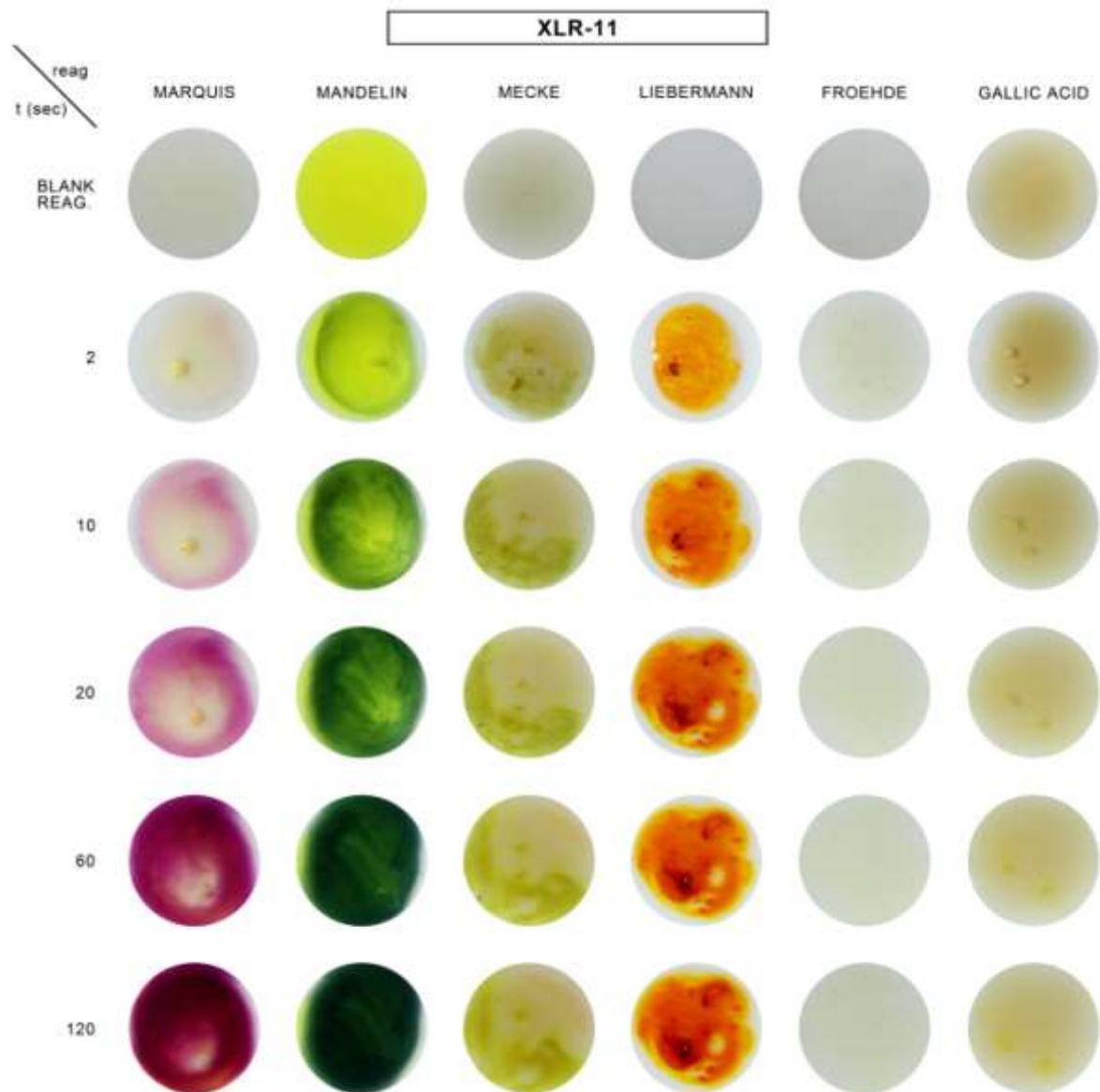
4.66. UR-144



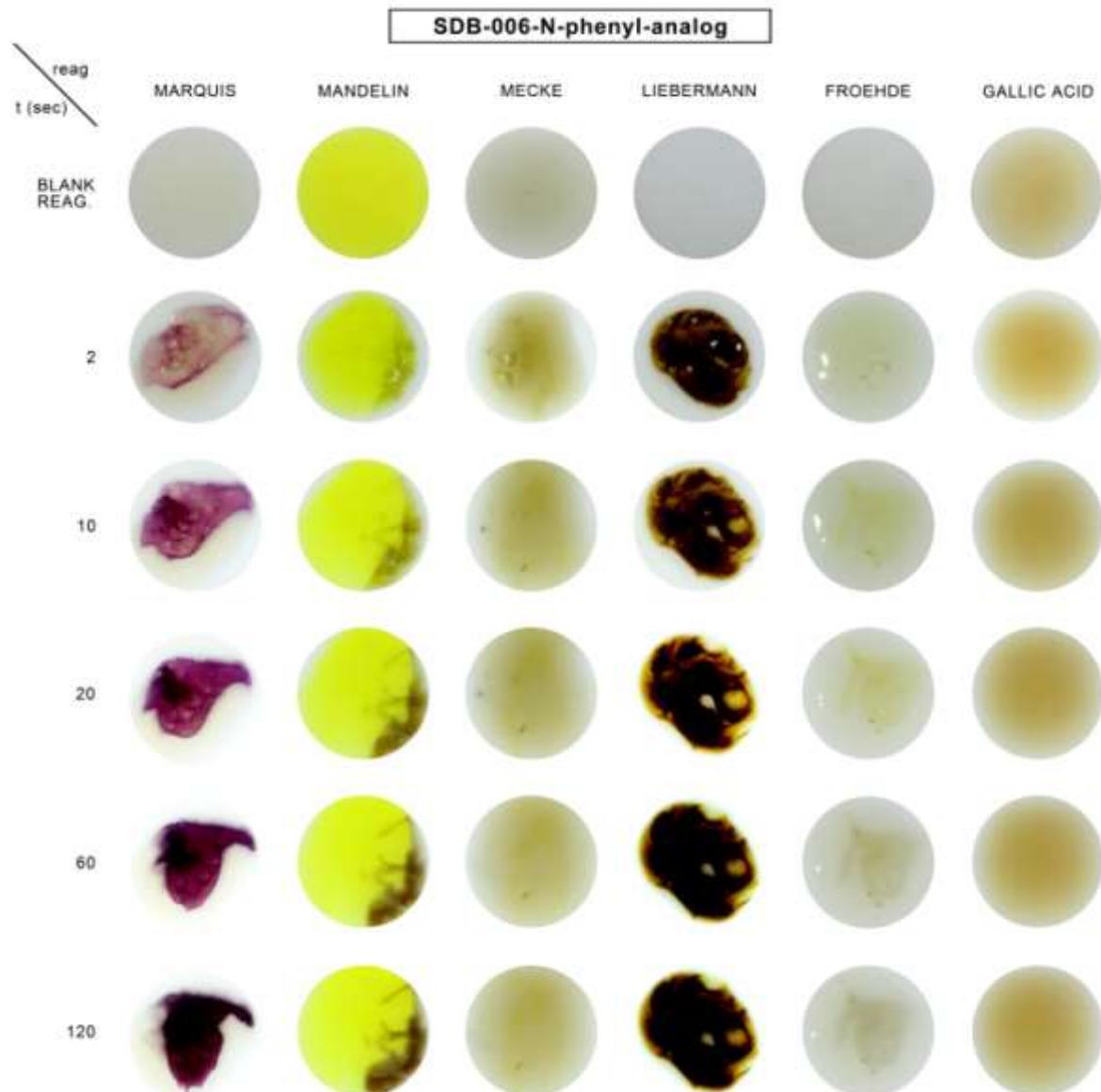
4.67. LTI-701



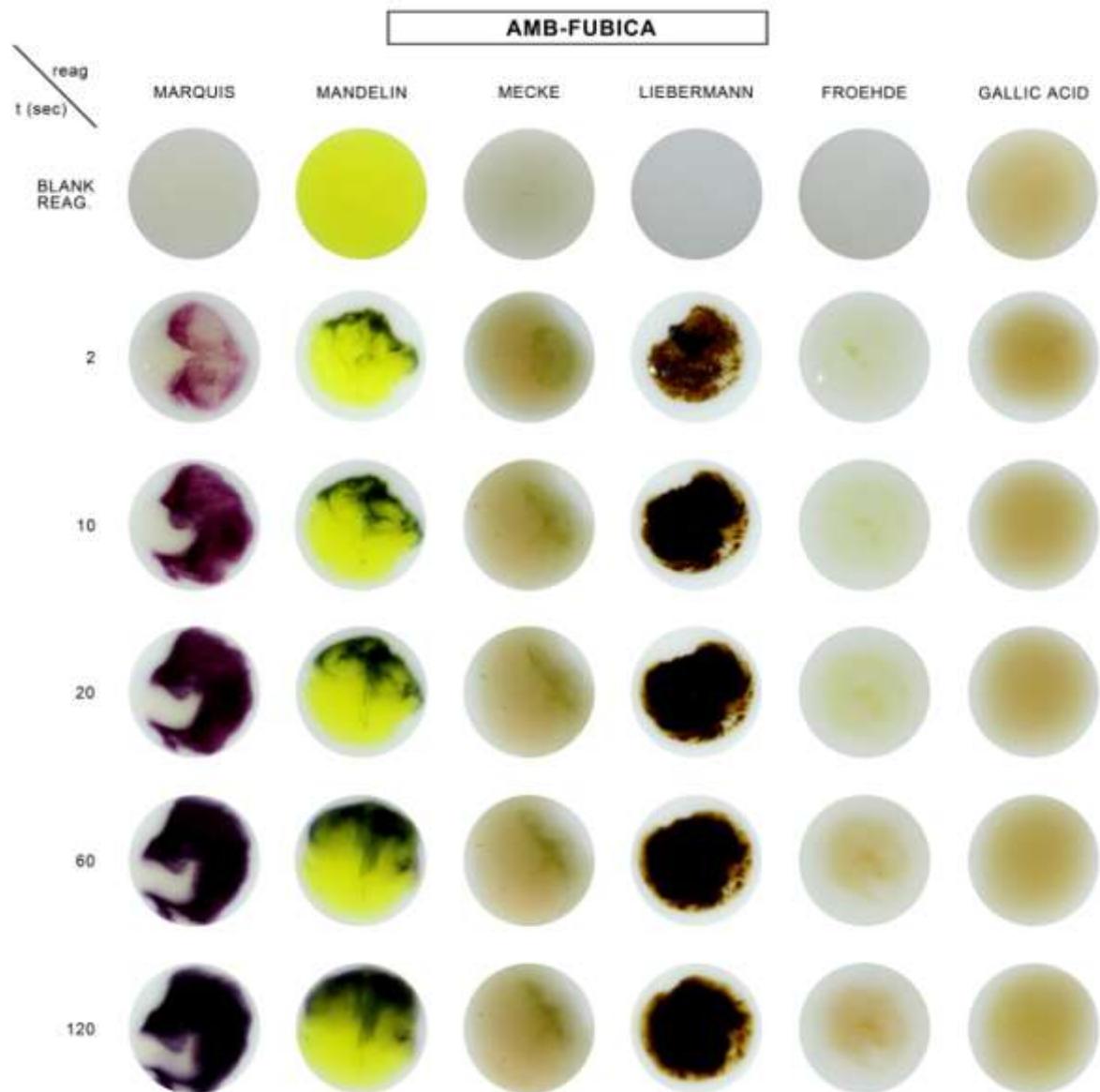
4.68. XLR-11



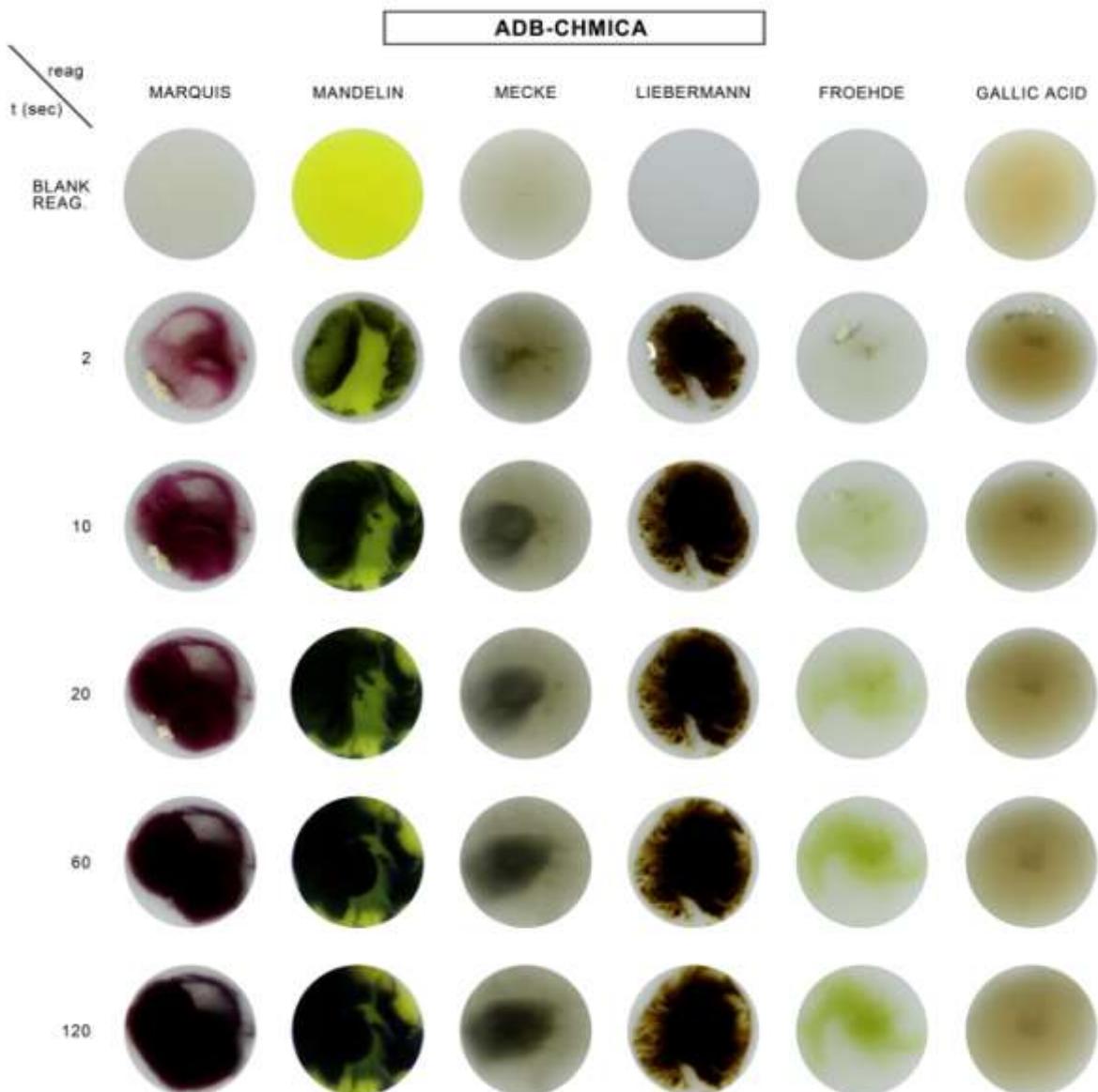
4.69. SDB-006-N-phenyl-analog



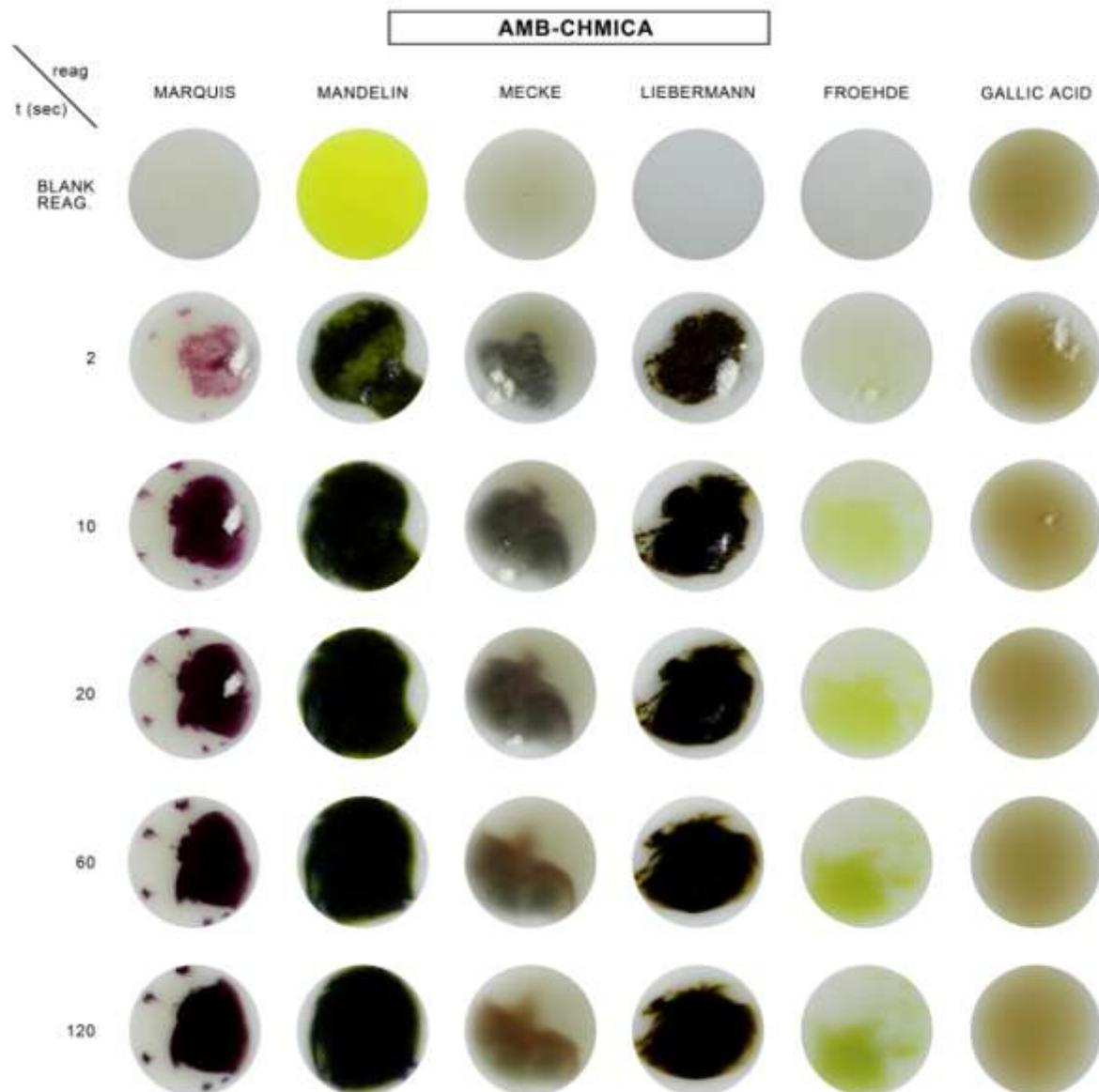
4.70. AMB-FUBICA



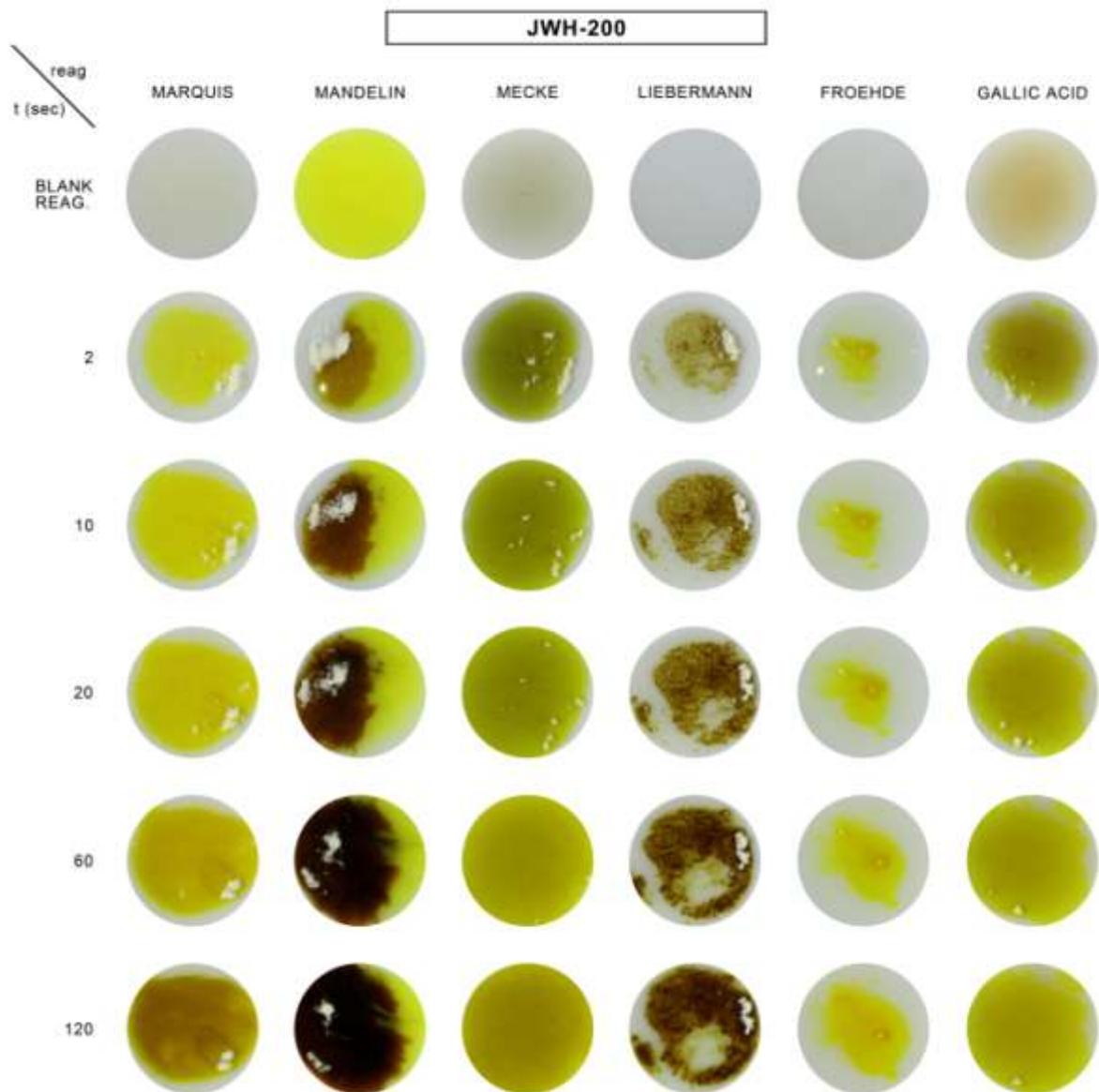
4.71. ADB-CHMICA



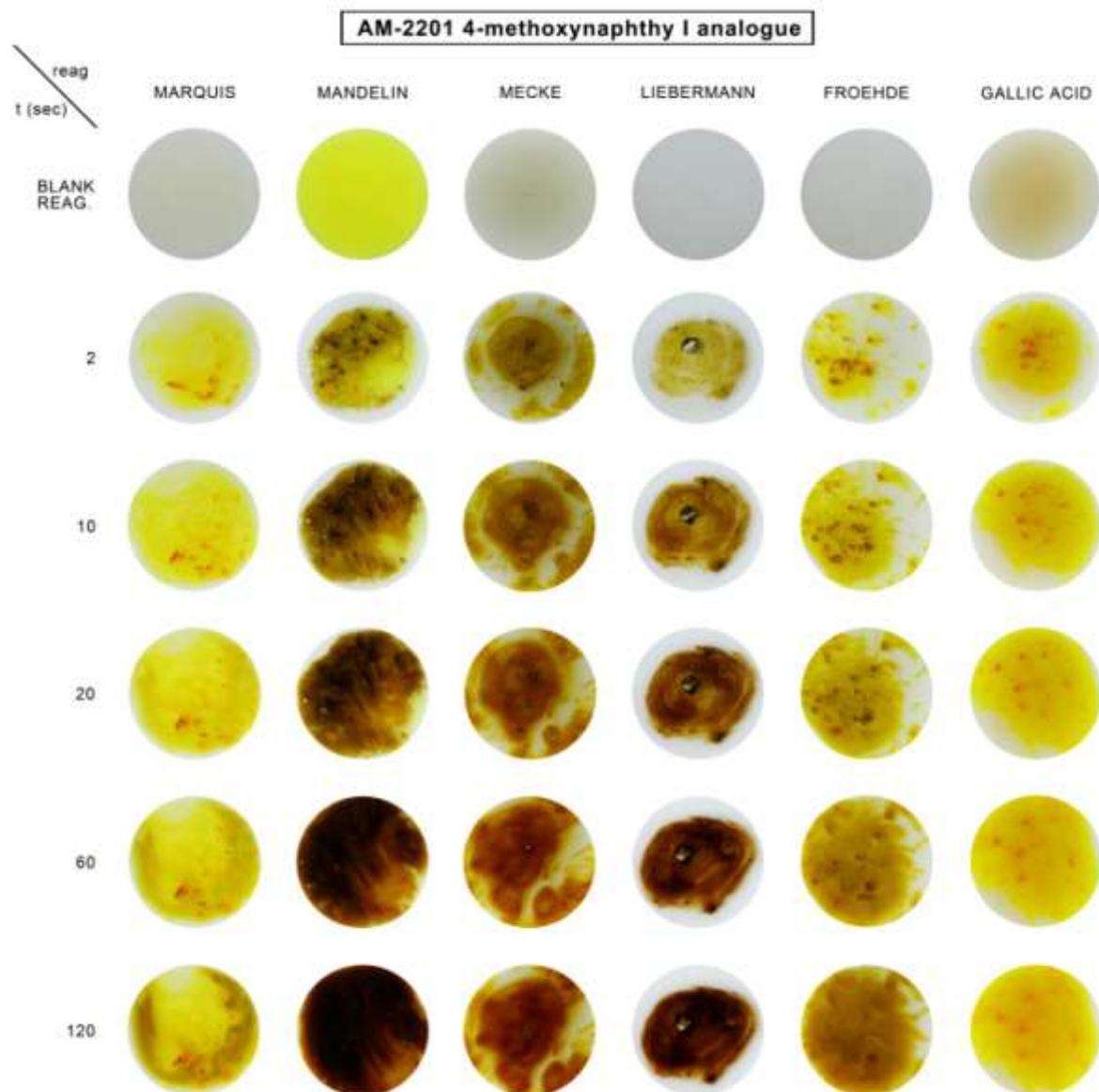
4.72. AMB-CHMICA



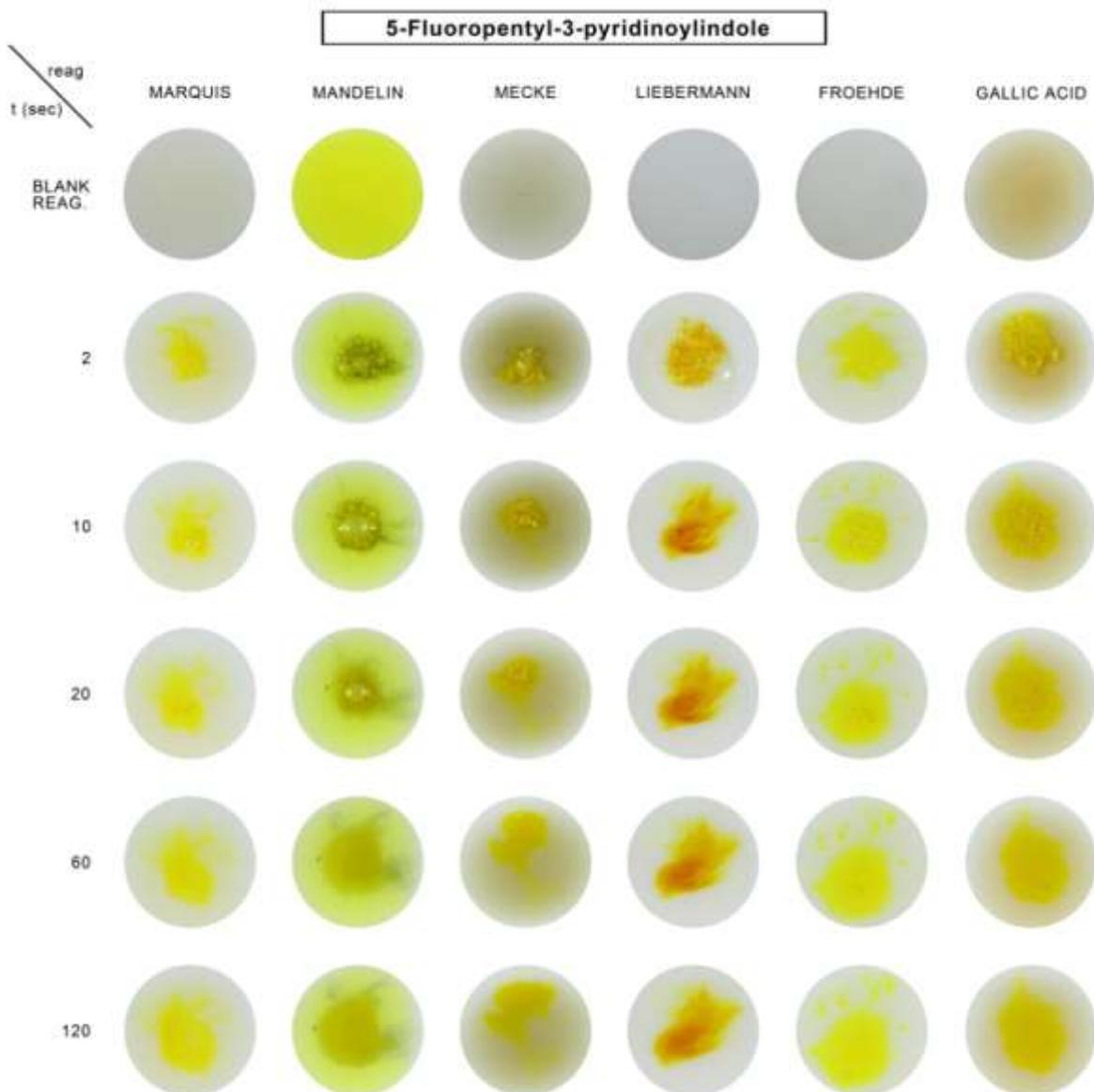
4.73. JWH-200



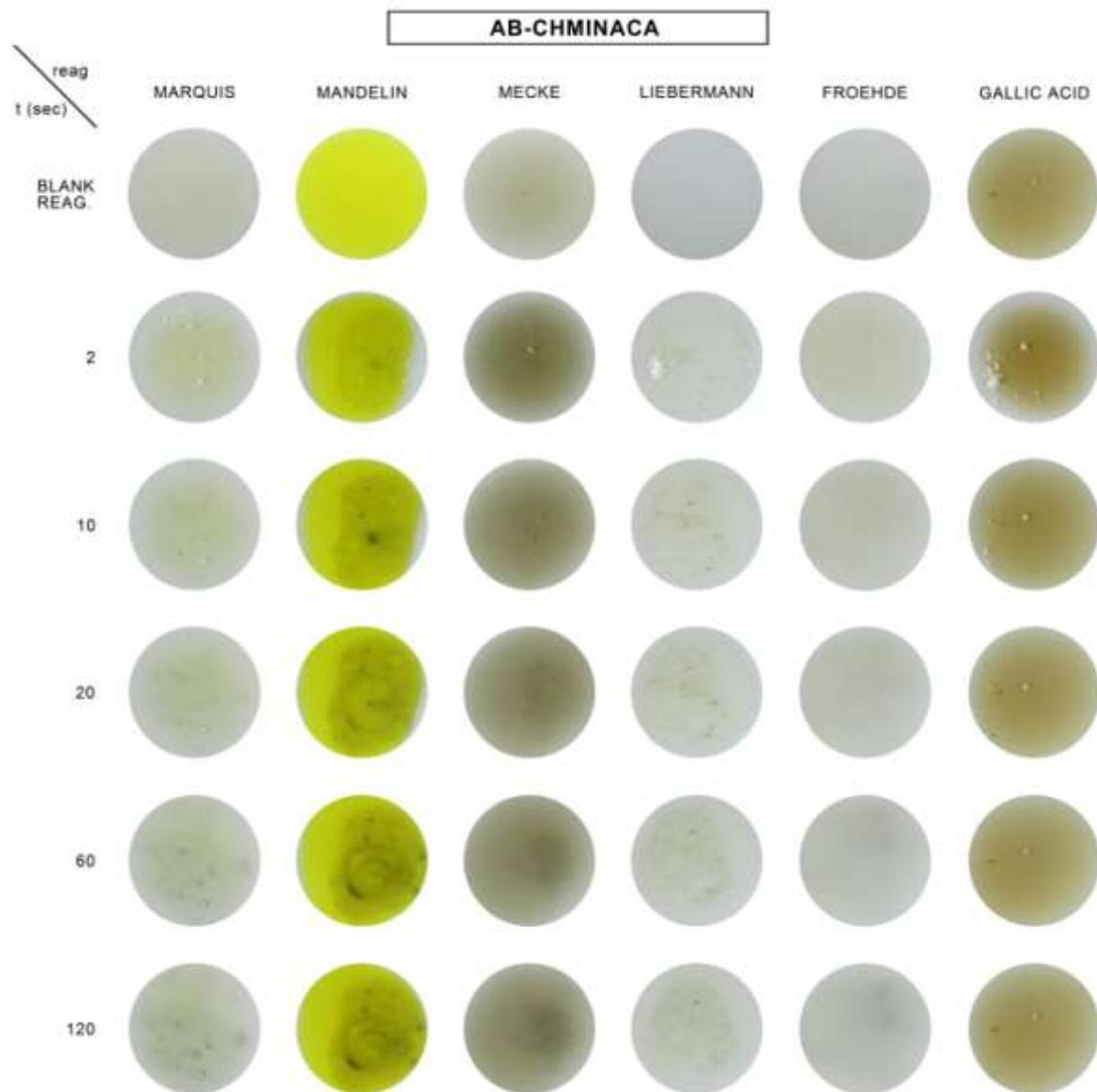
4.74. AM-2201 4-methoxynaphthyl analogue



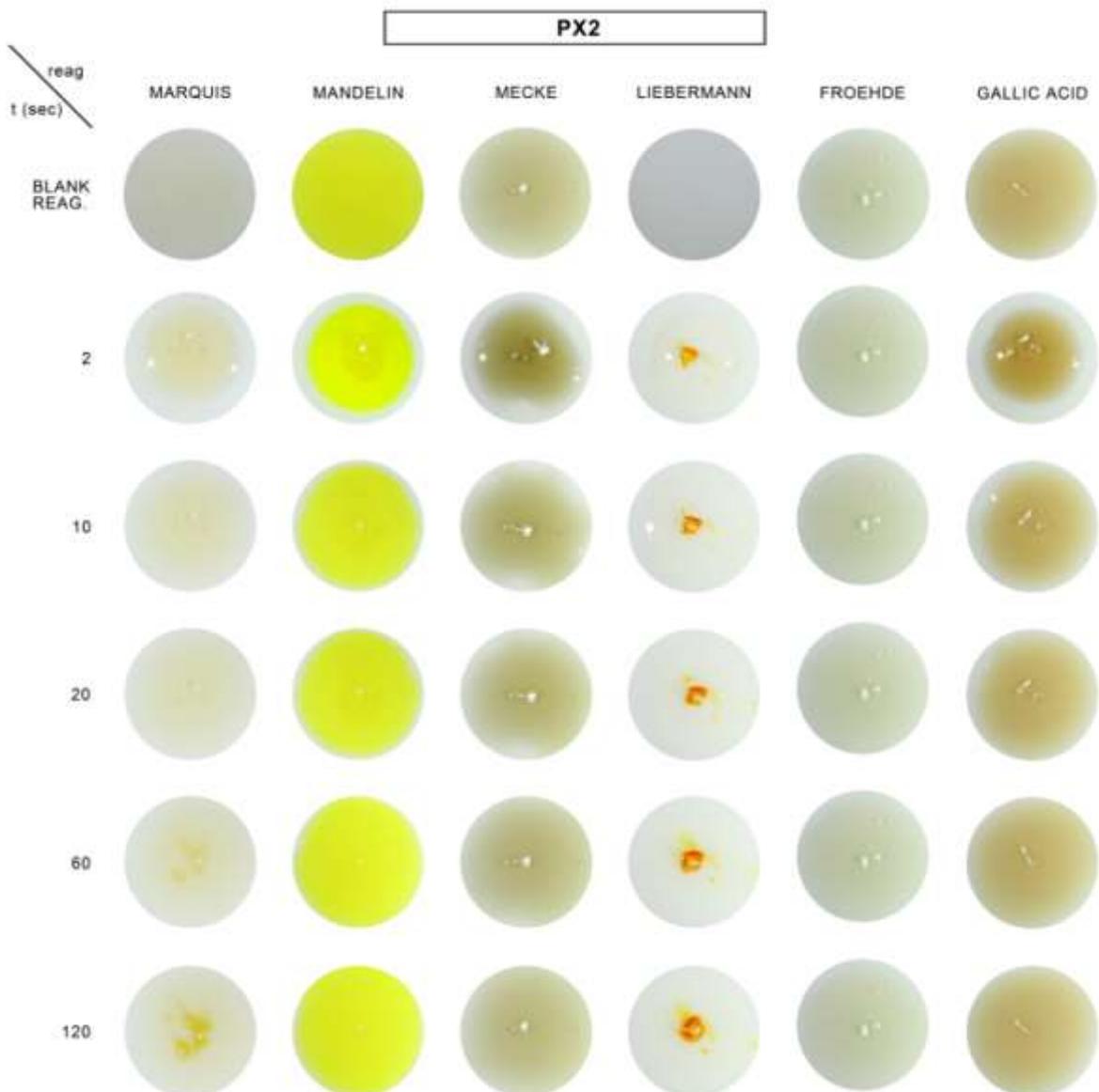
4.75. 5-Fluoropentyl-3-pyridinoylindole



4.76. AB-CHMINACA

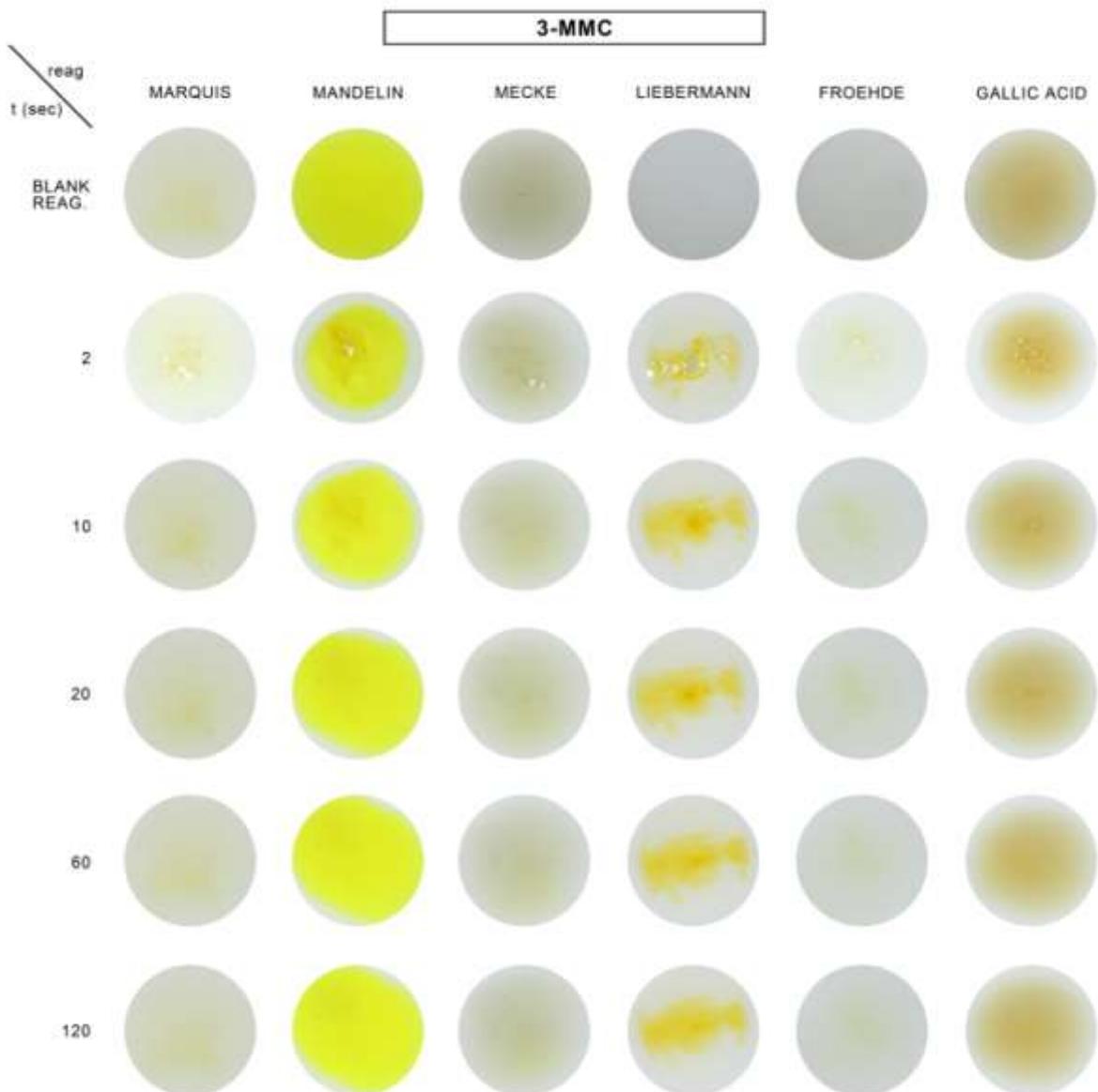


4.77. PX2

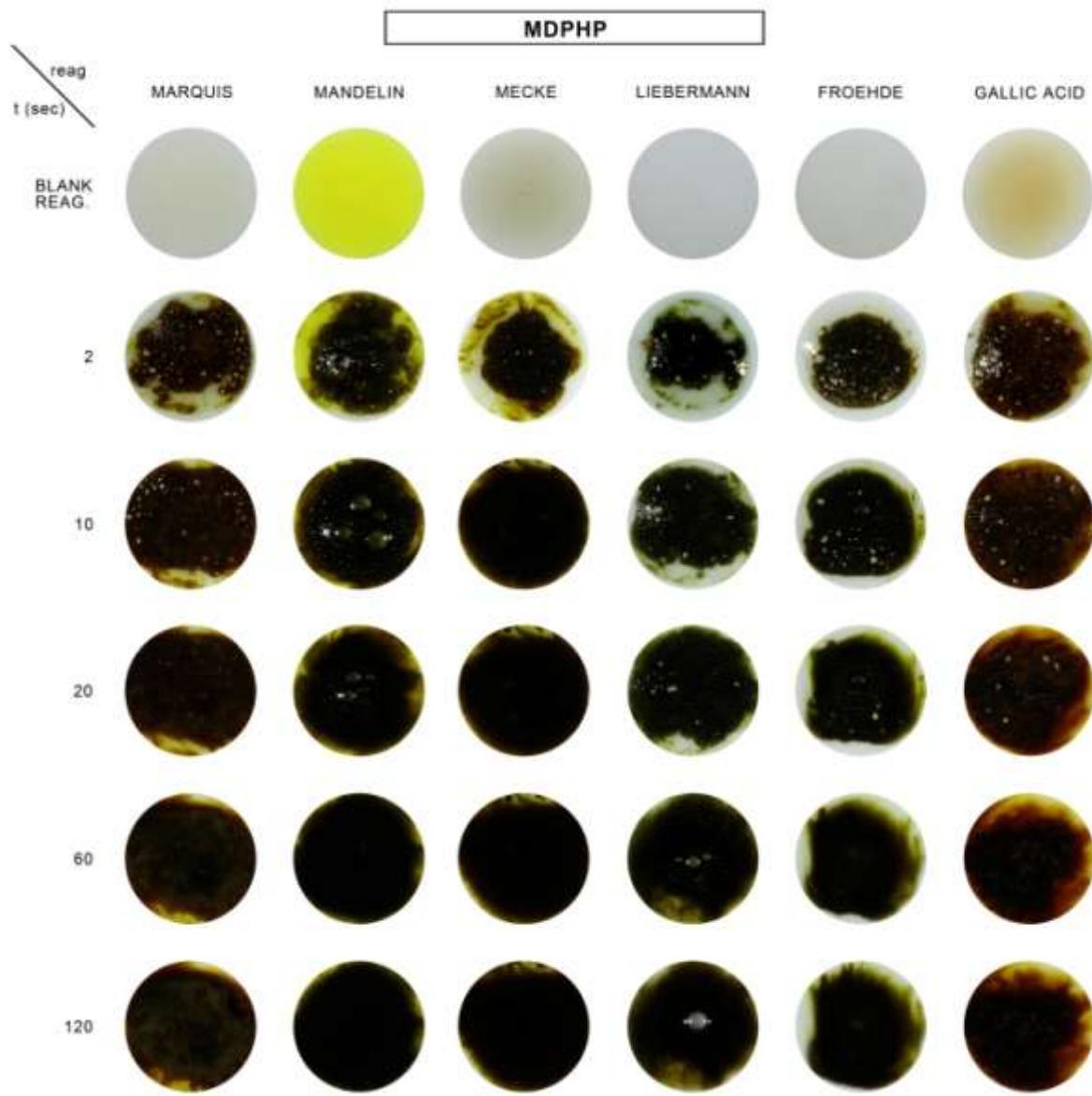


5. Katinoni

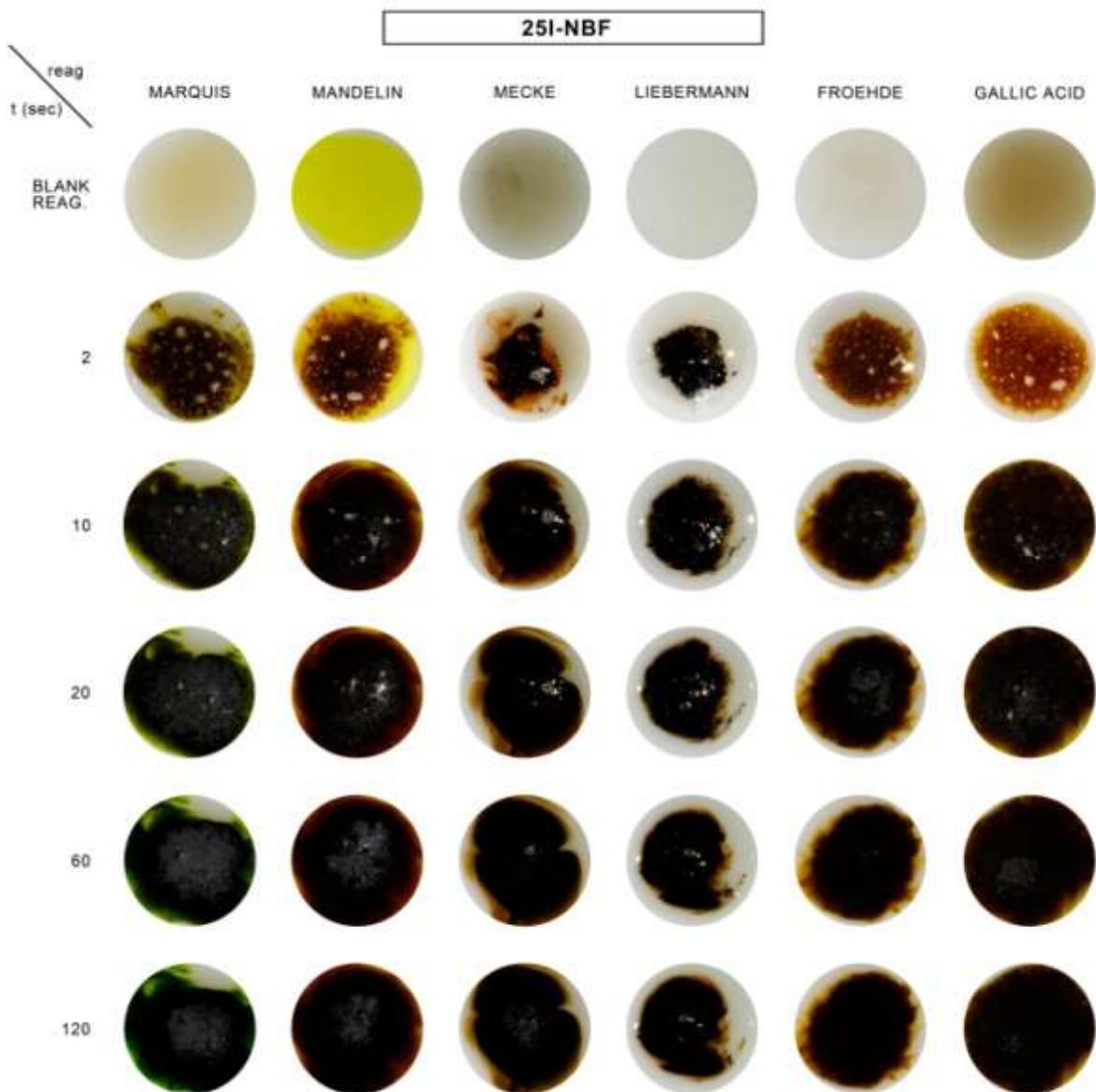
5.1.3-MMC



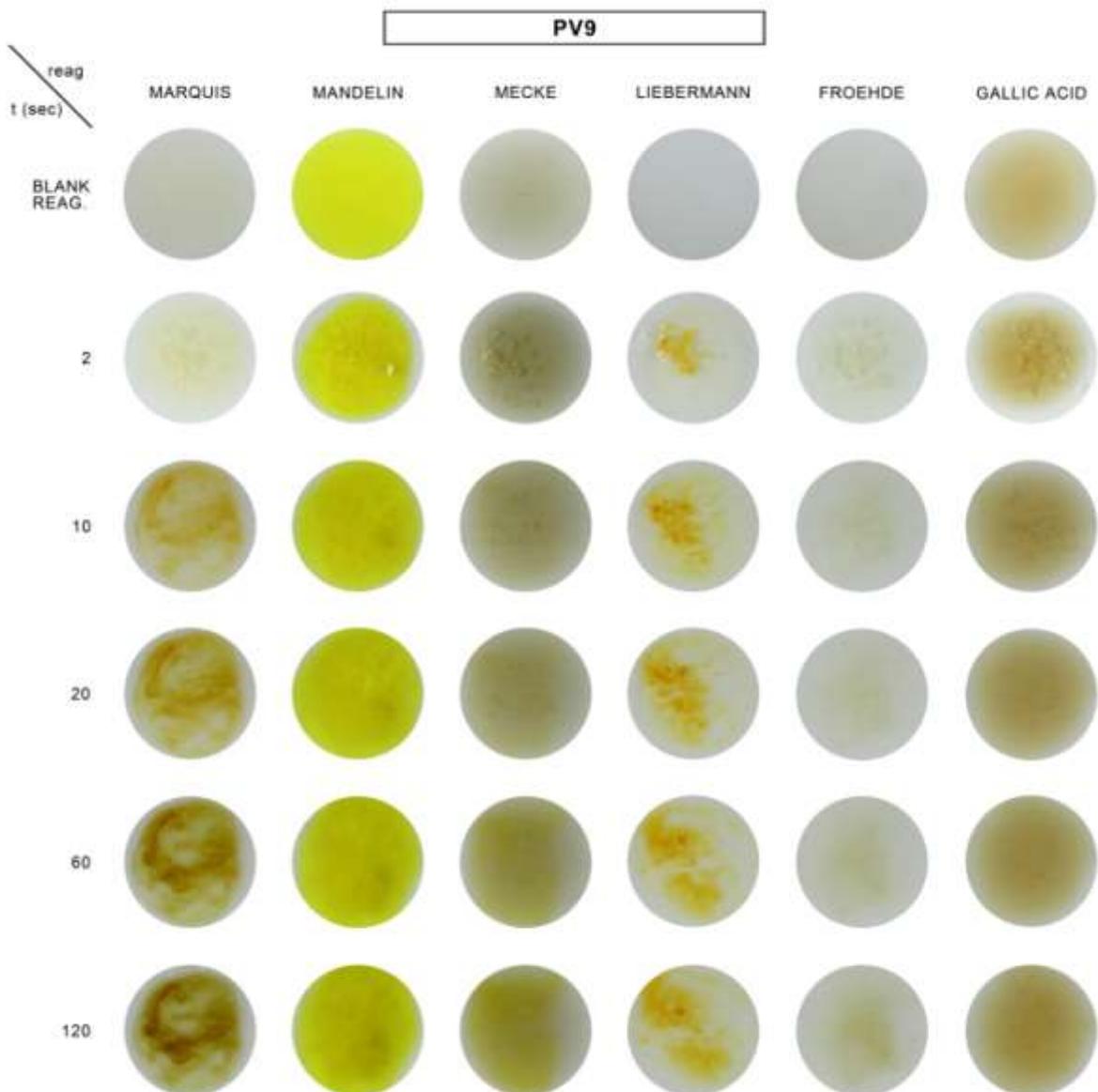
5.2. MDPHP



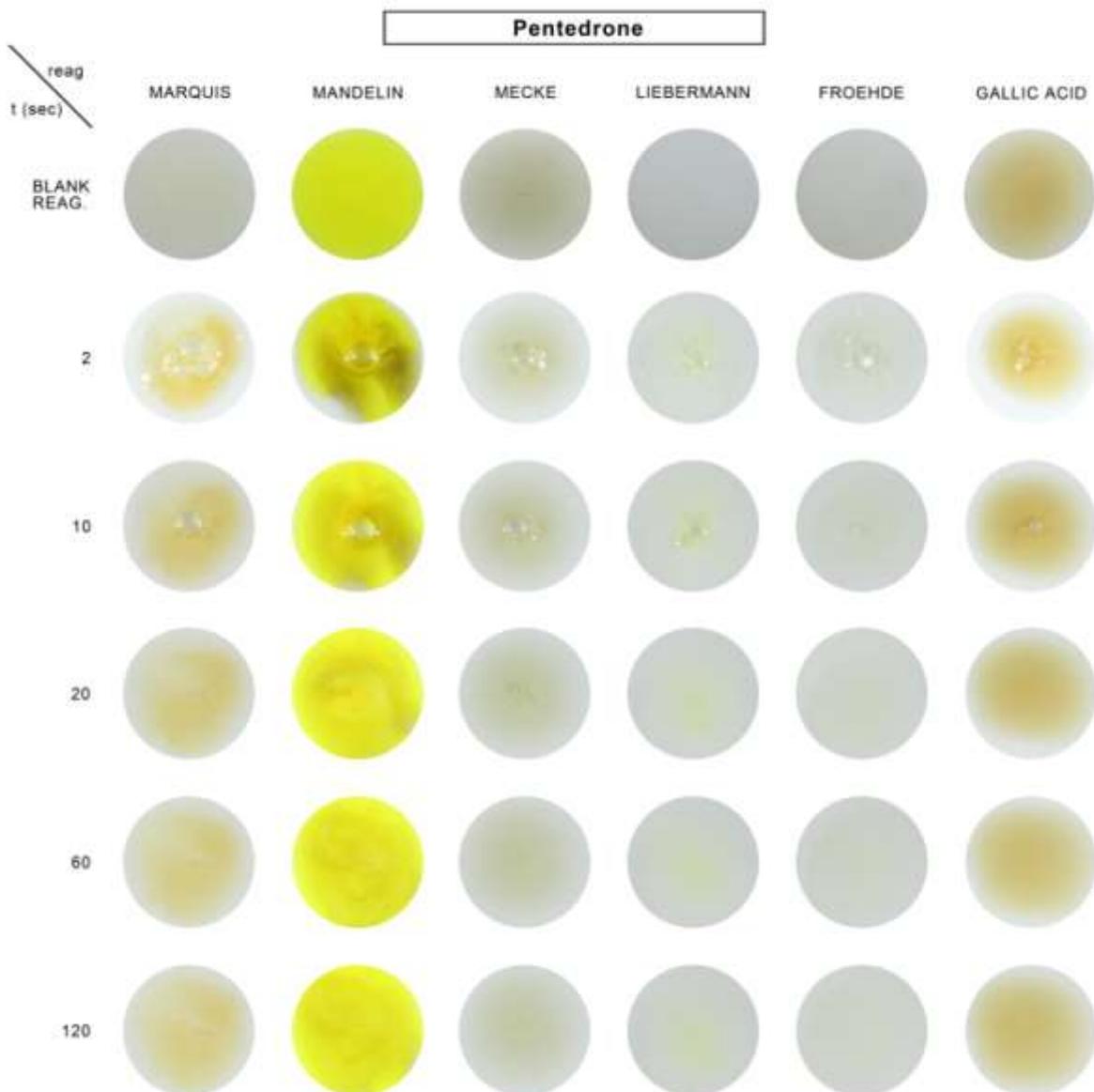
5.3. 25I-NBF



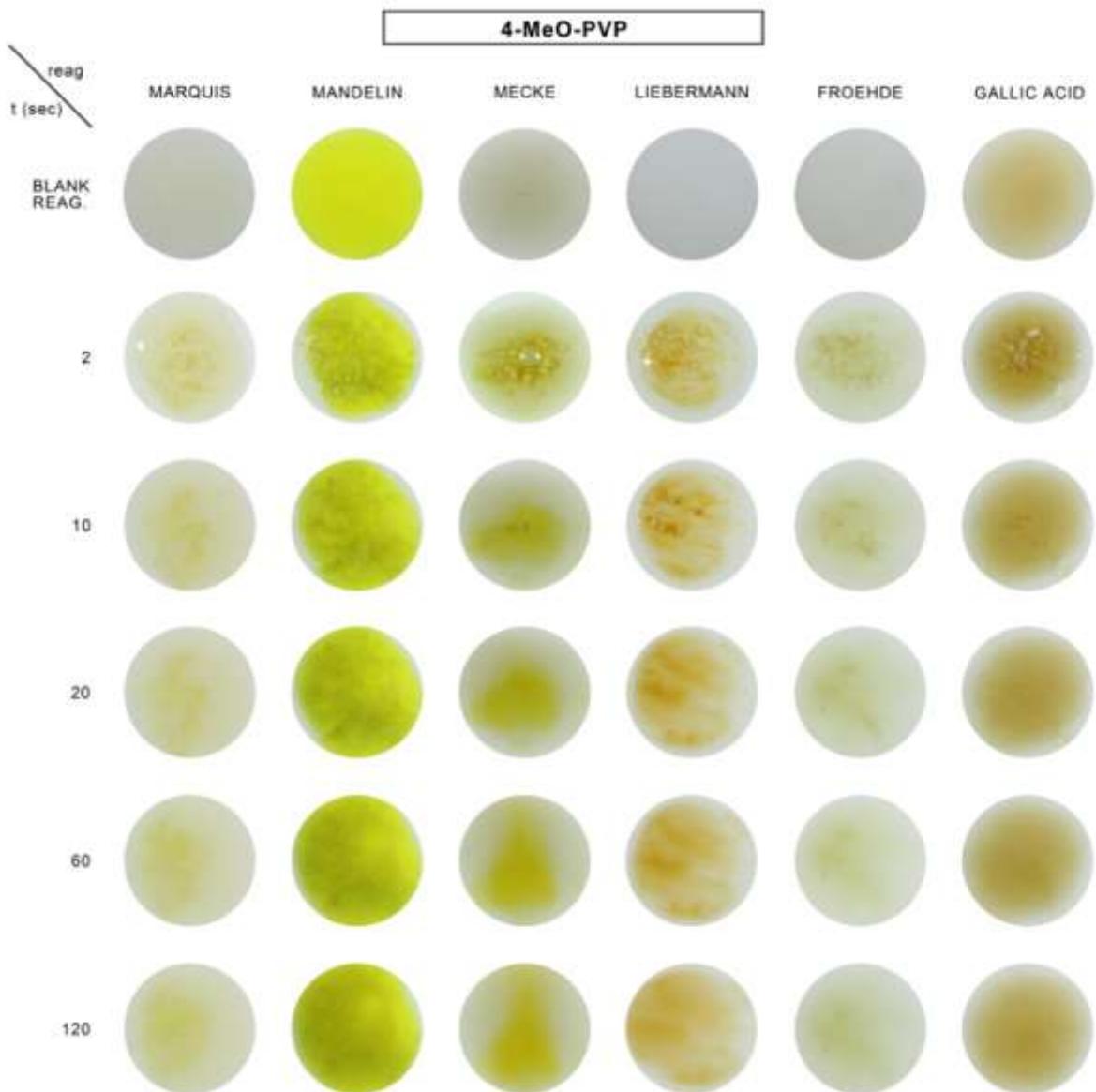
5.4. PV9



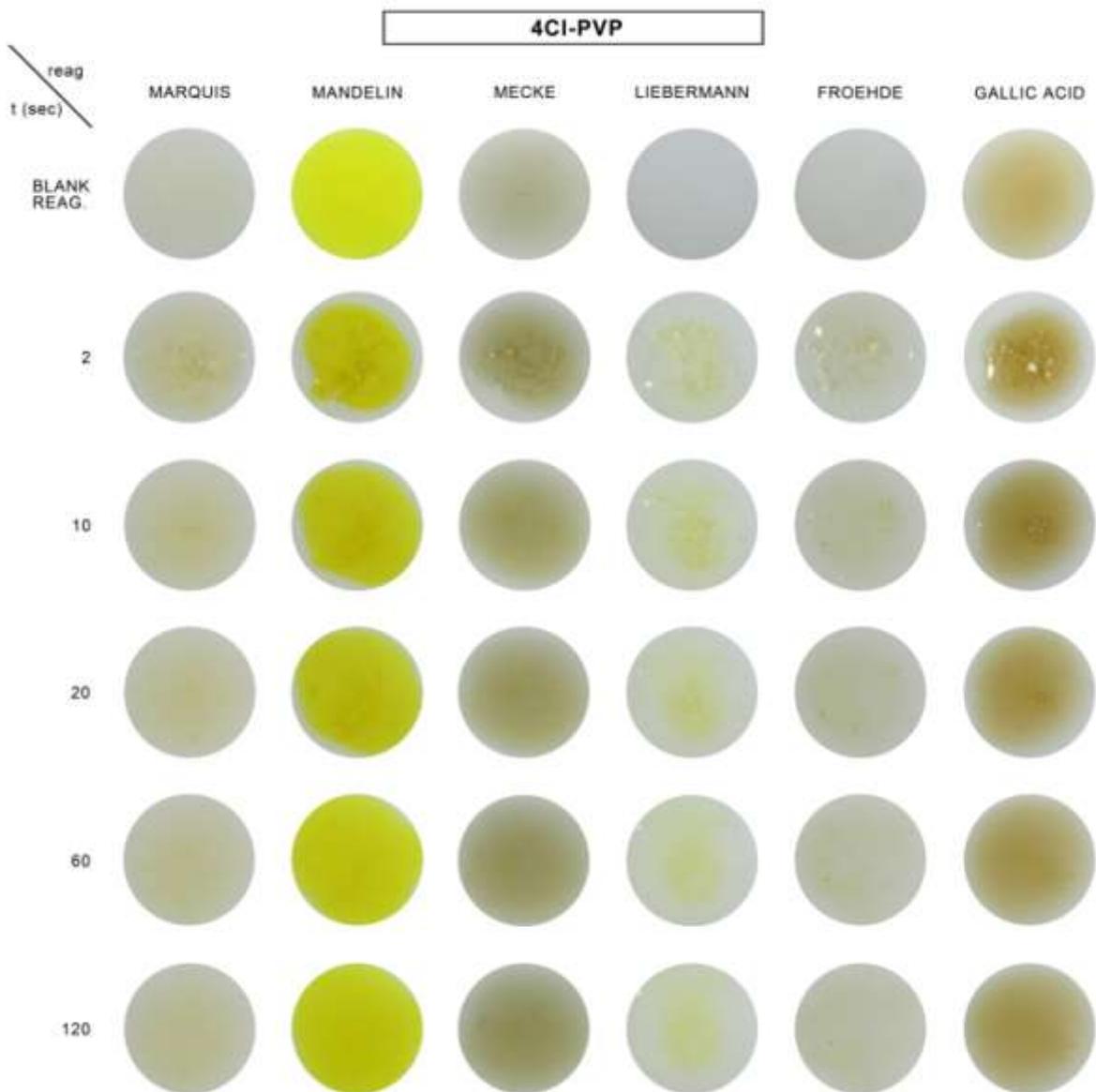
5.5. Pentedrone



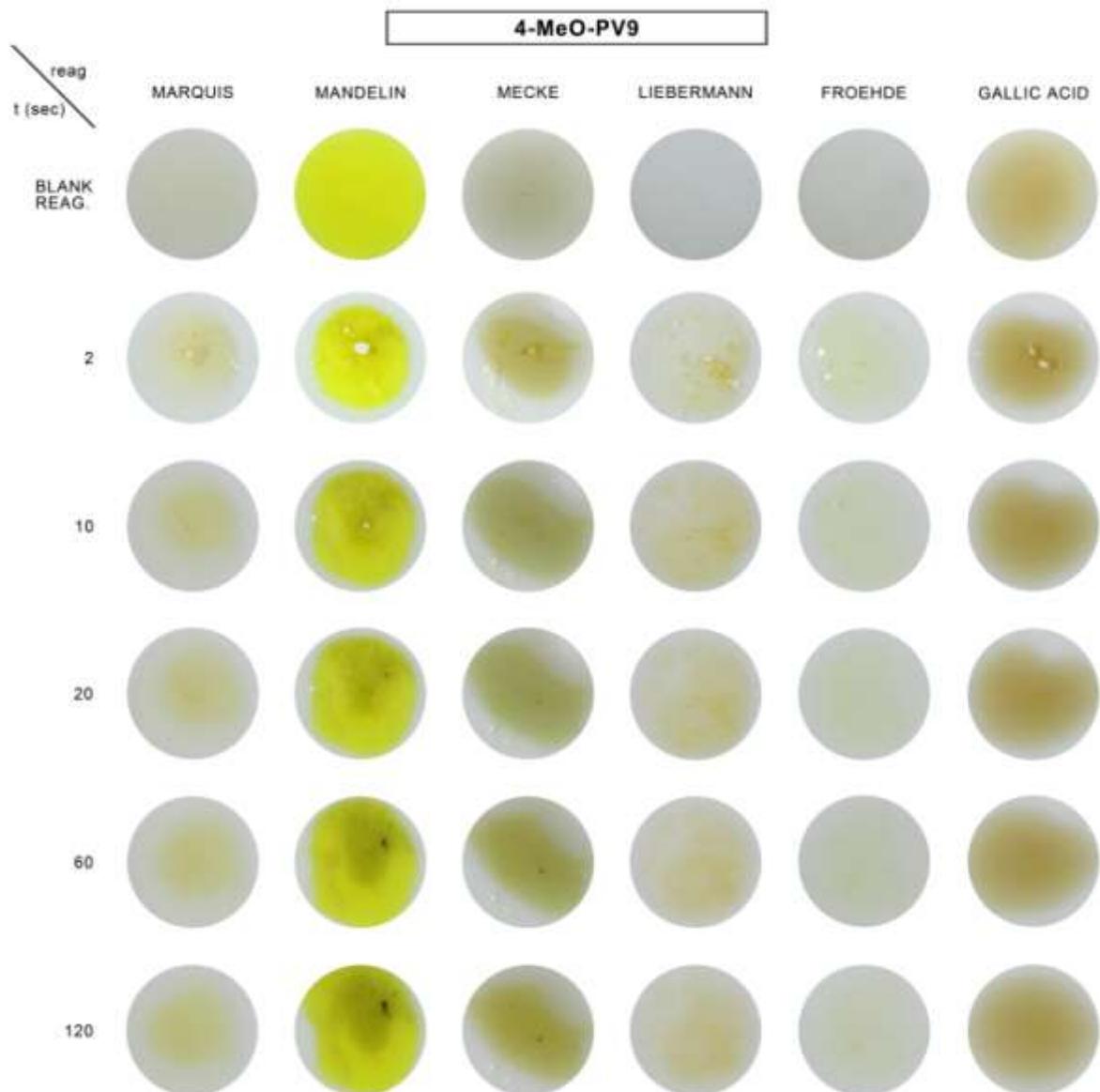
5.6. 4-MeO-PVP



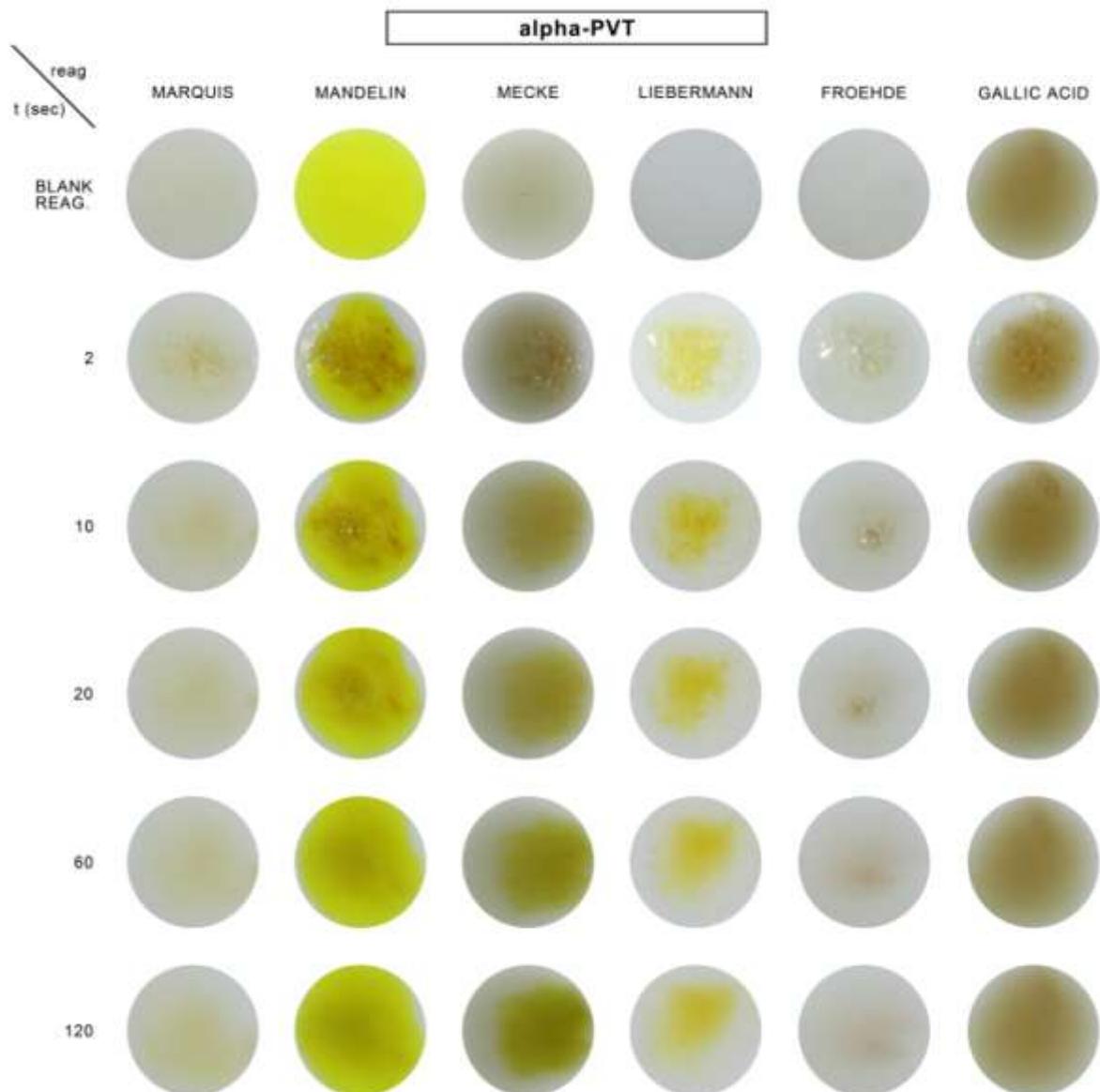
5.7.4Cl-PVP



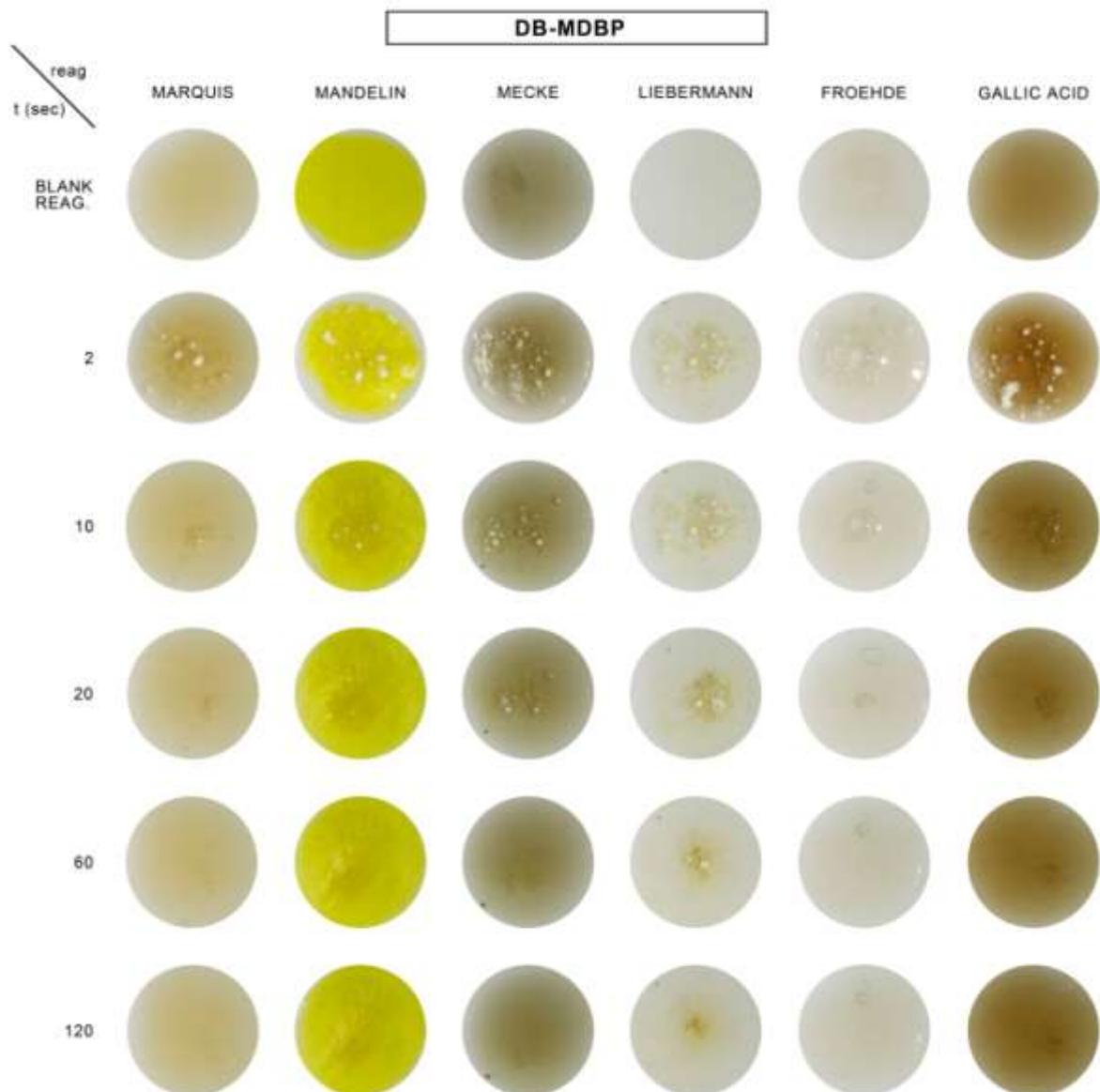
5.8. 4-MeO-PV9



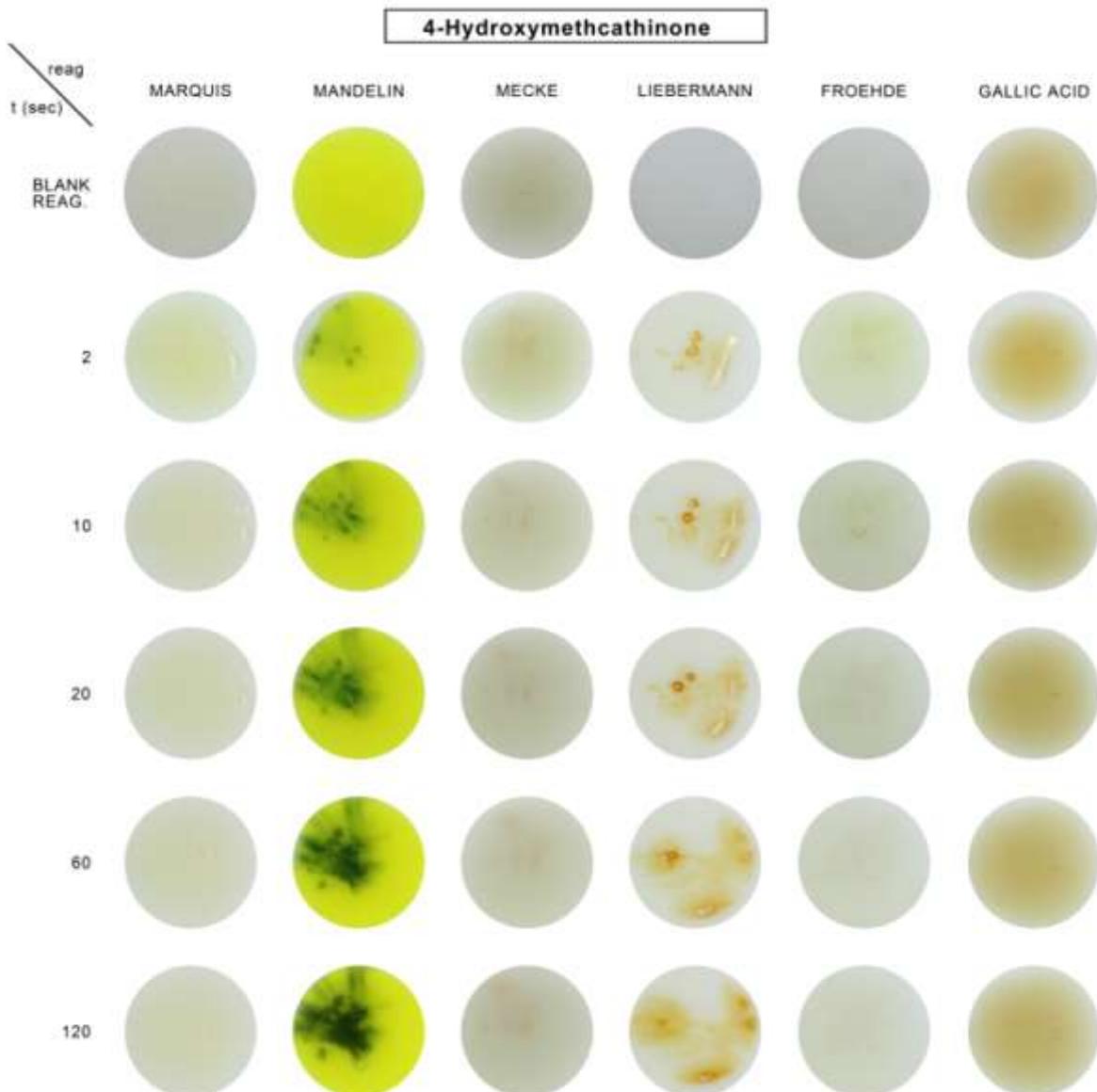
5.9. alpha-PVT



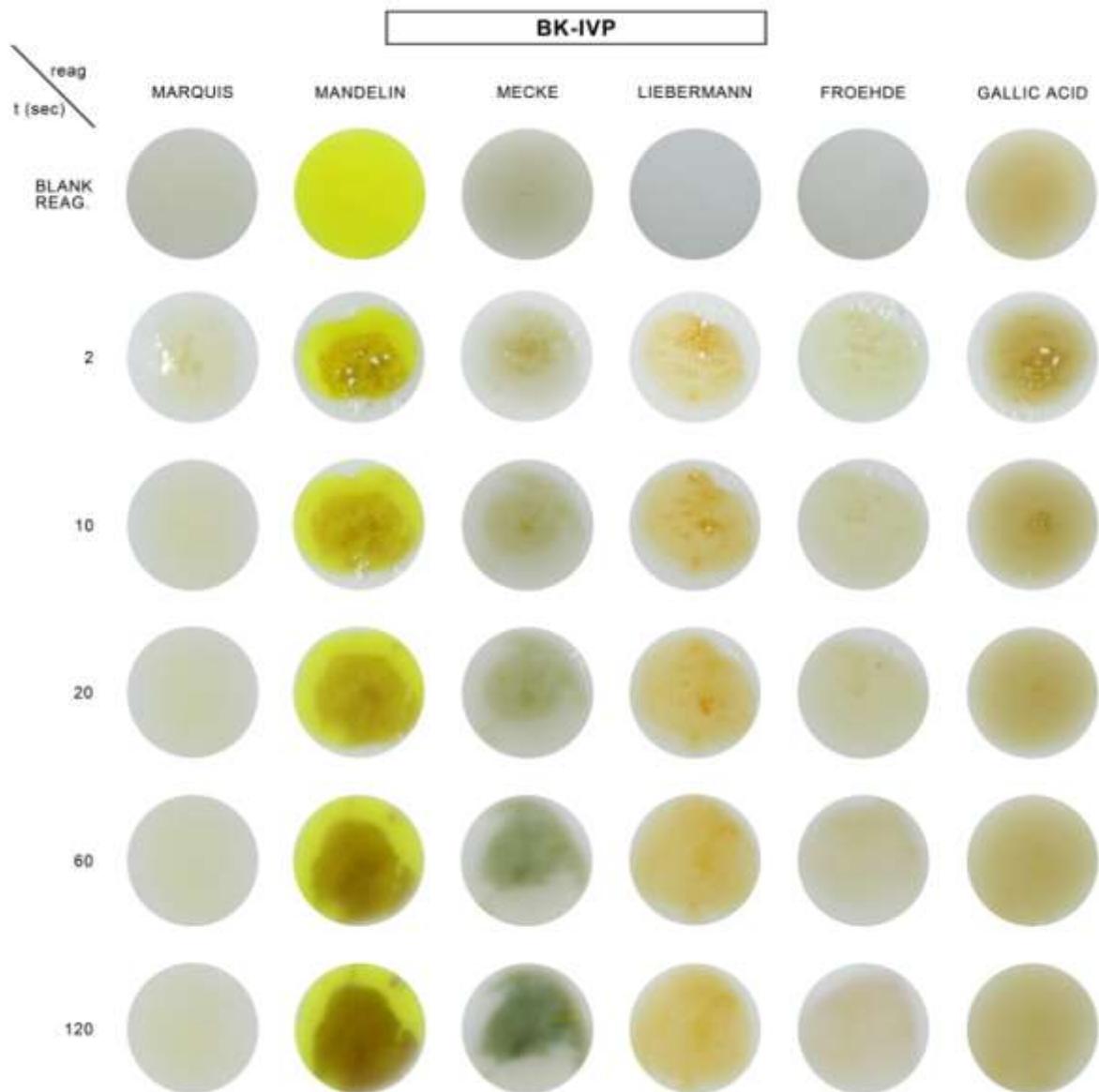
5.10. DB-MDBP



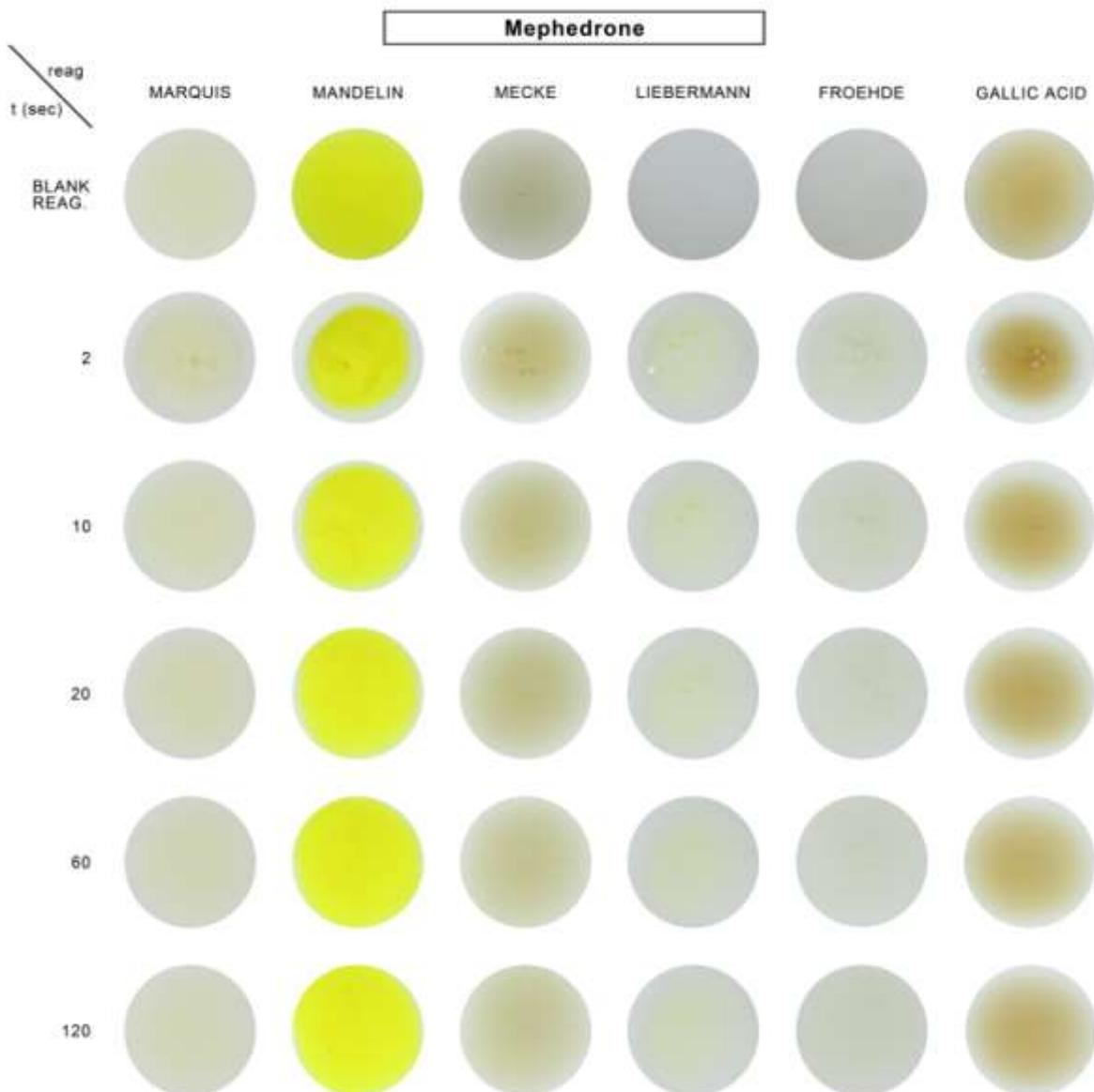
5.11. 4-Hydroxymethcathinone



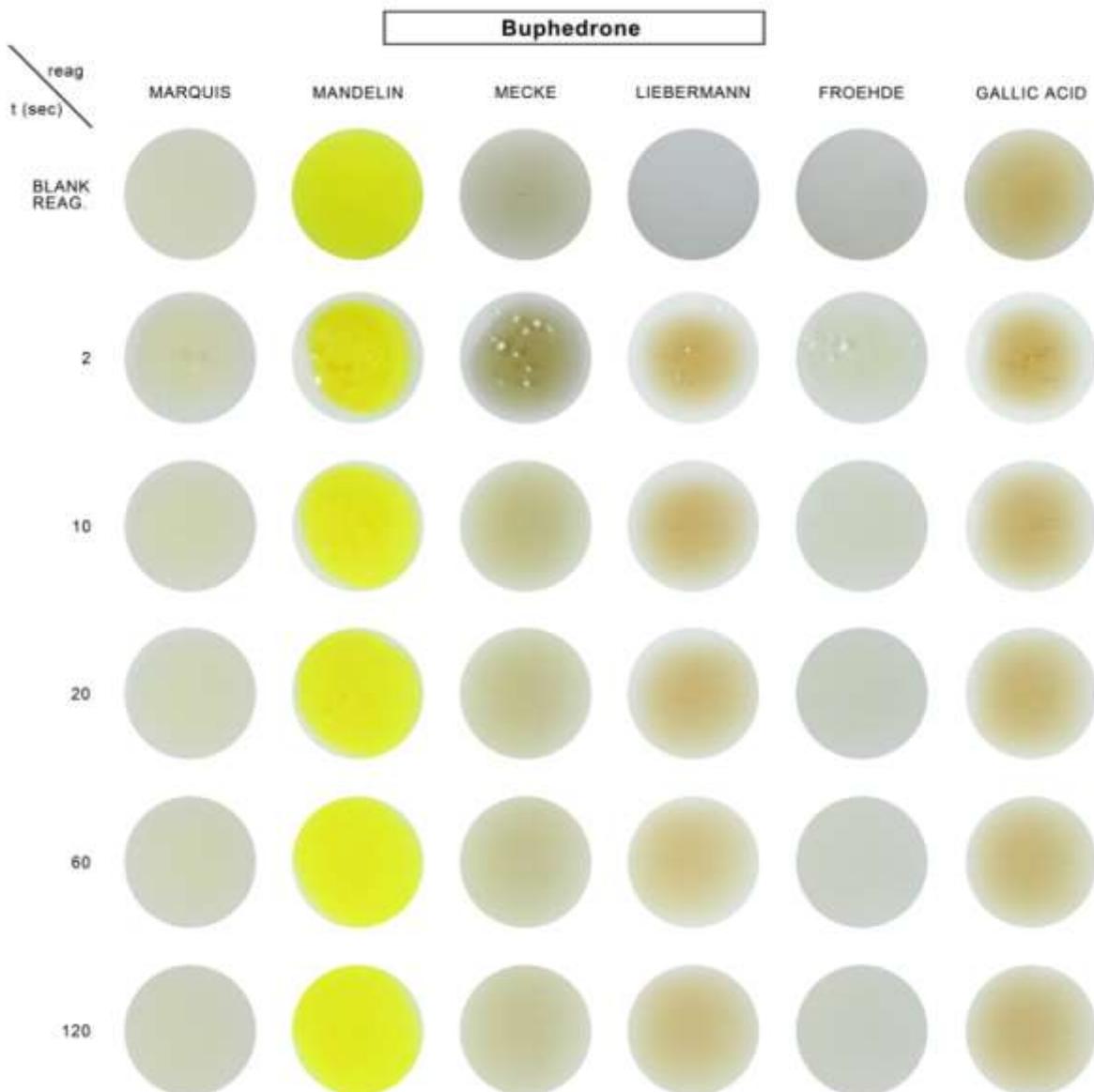
5.12. BK-IVP



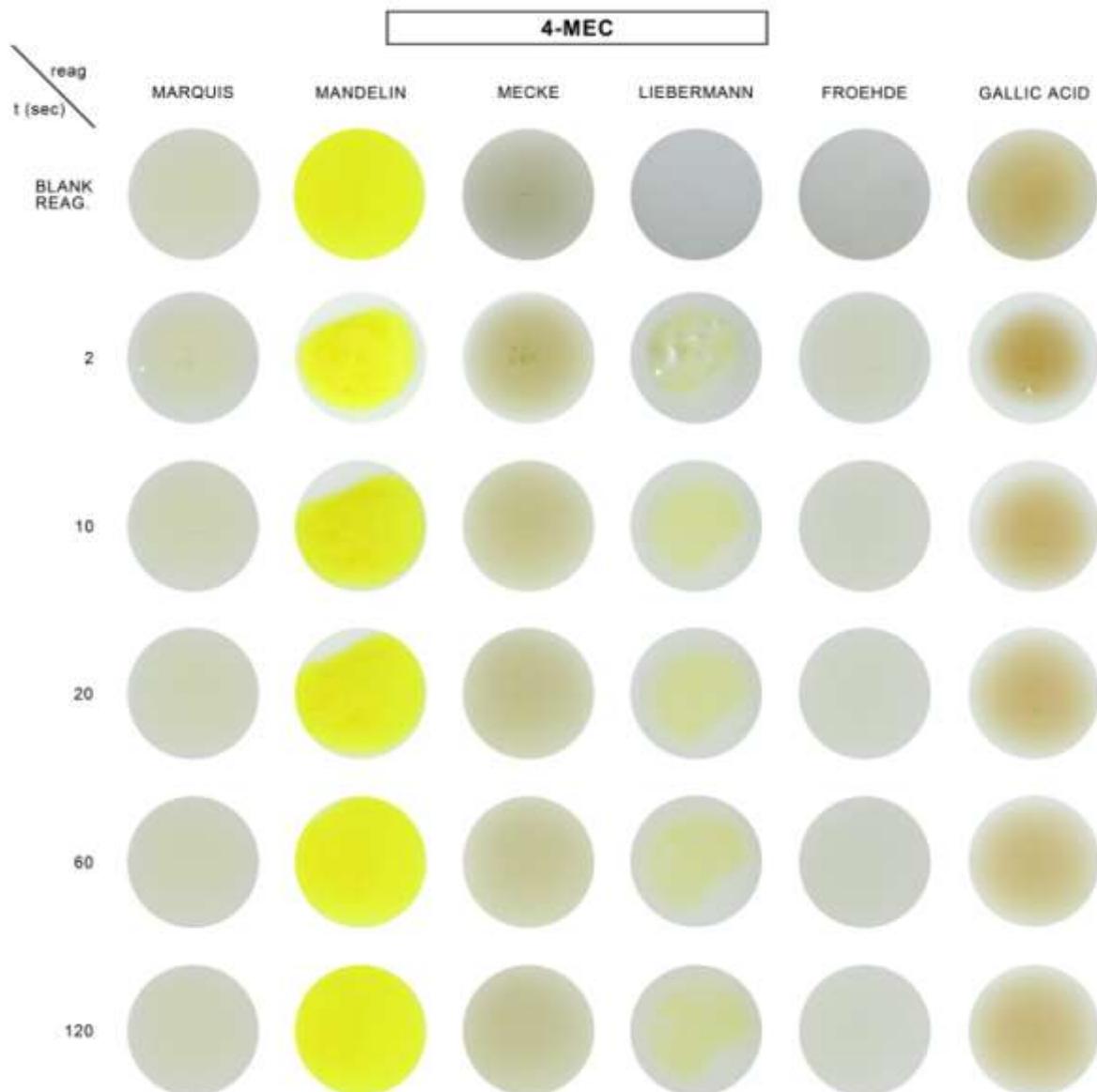
5.13. Mephedrone



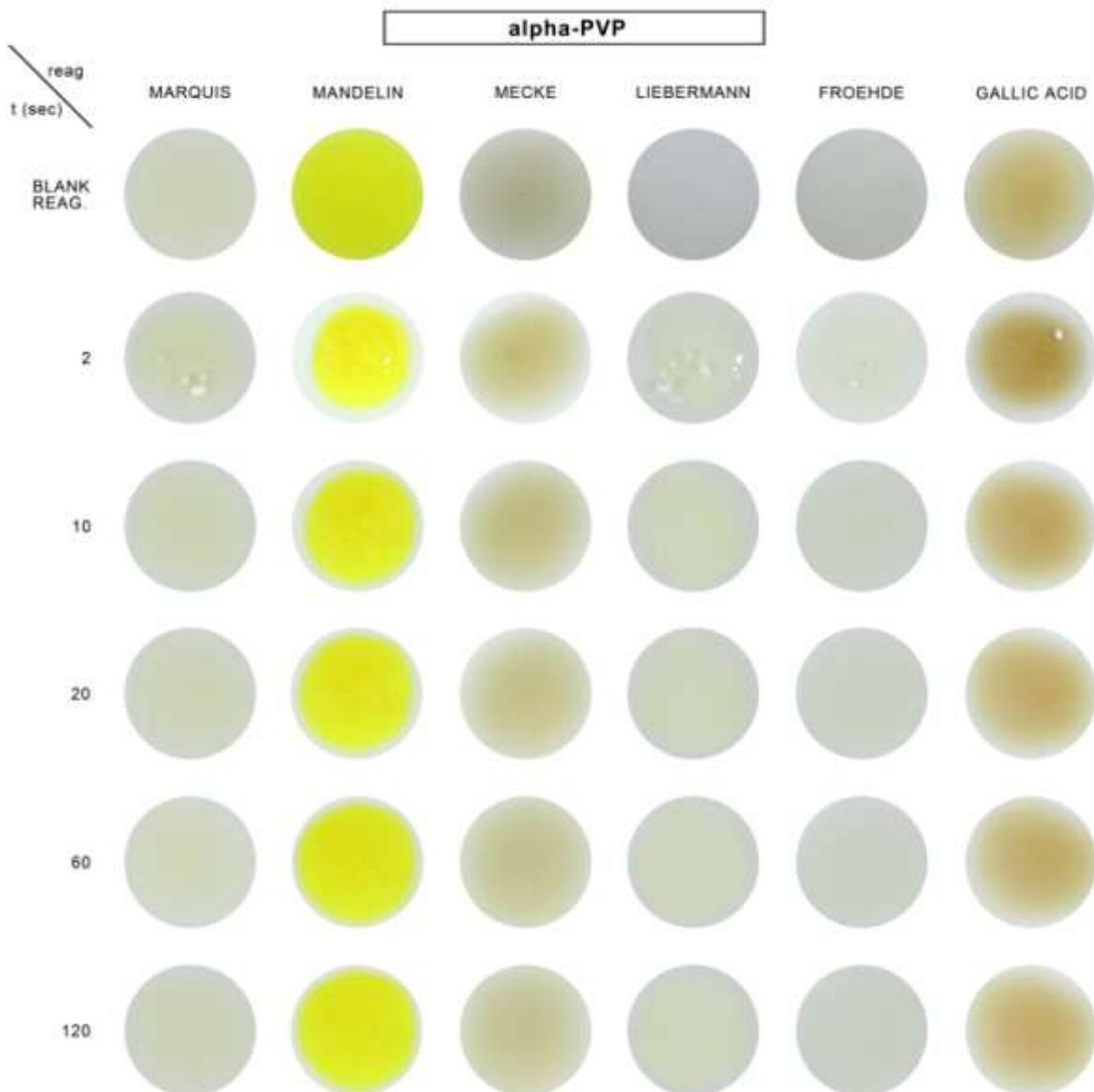
5.14. Buphedrone



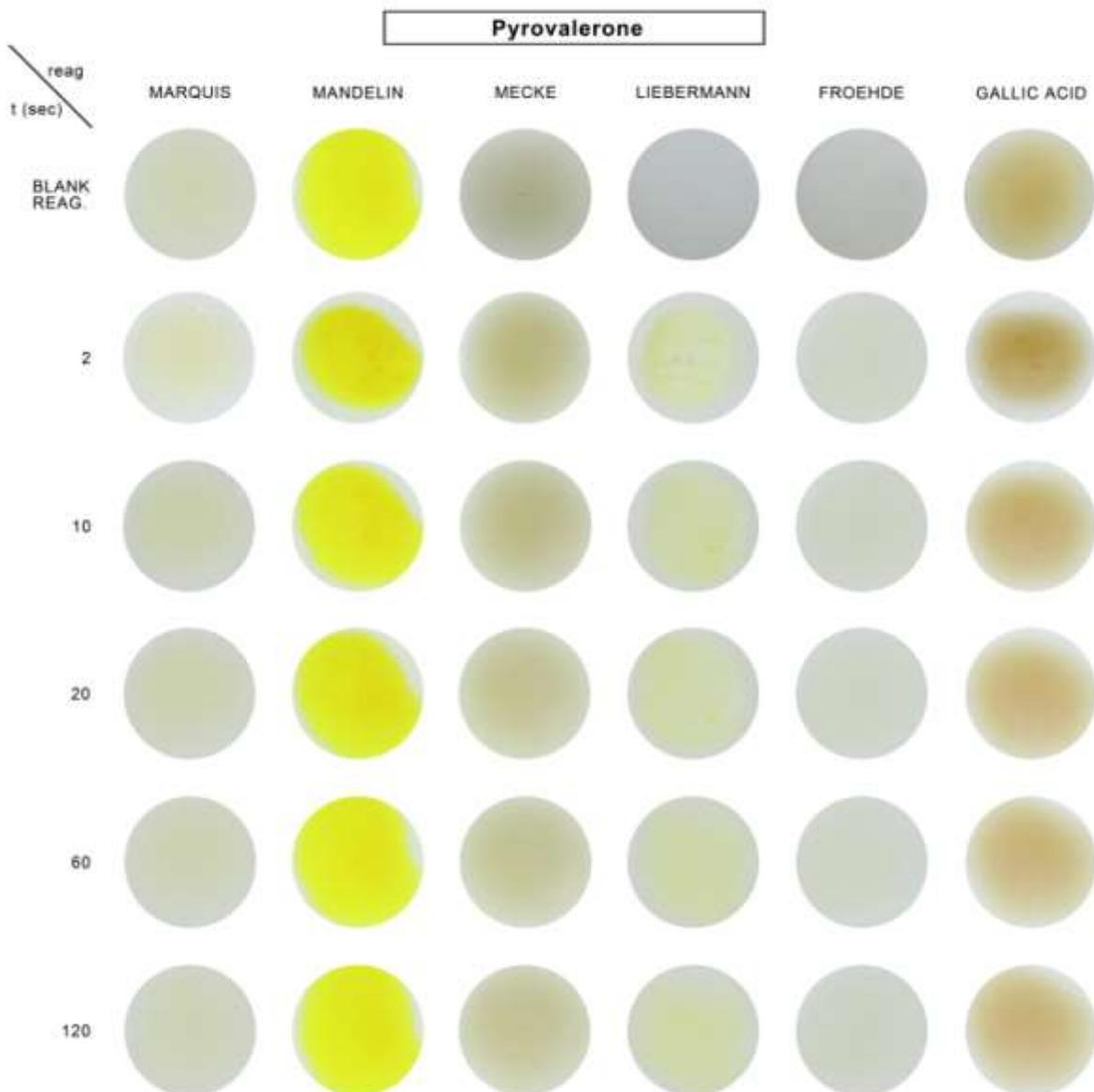
5.15. 4-MEC



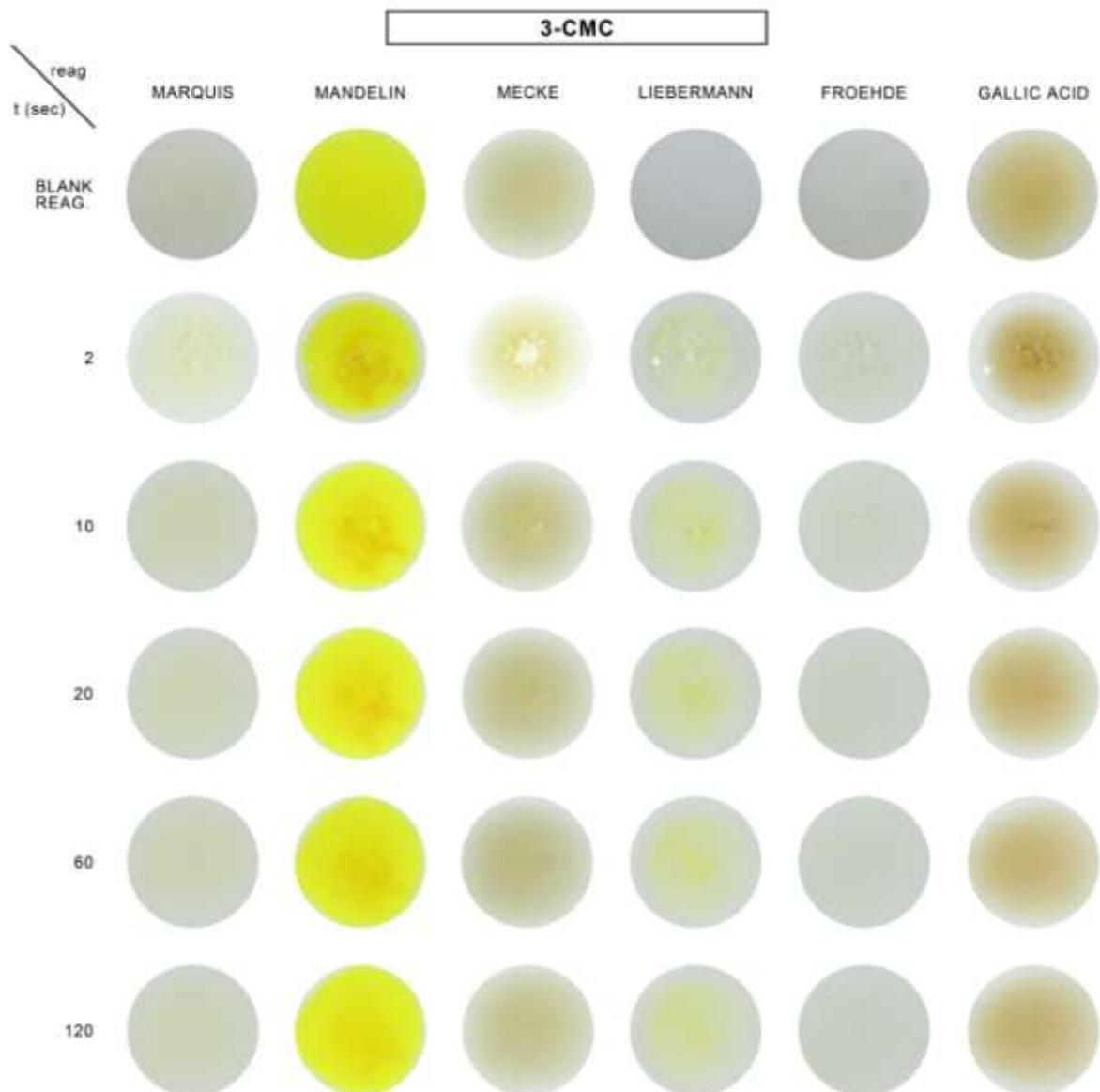
5.16. alpha-PVP



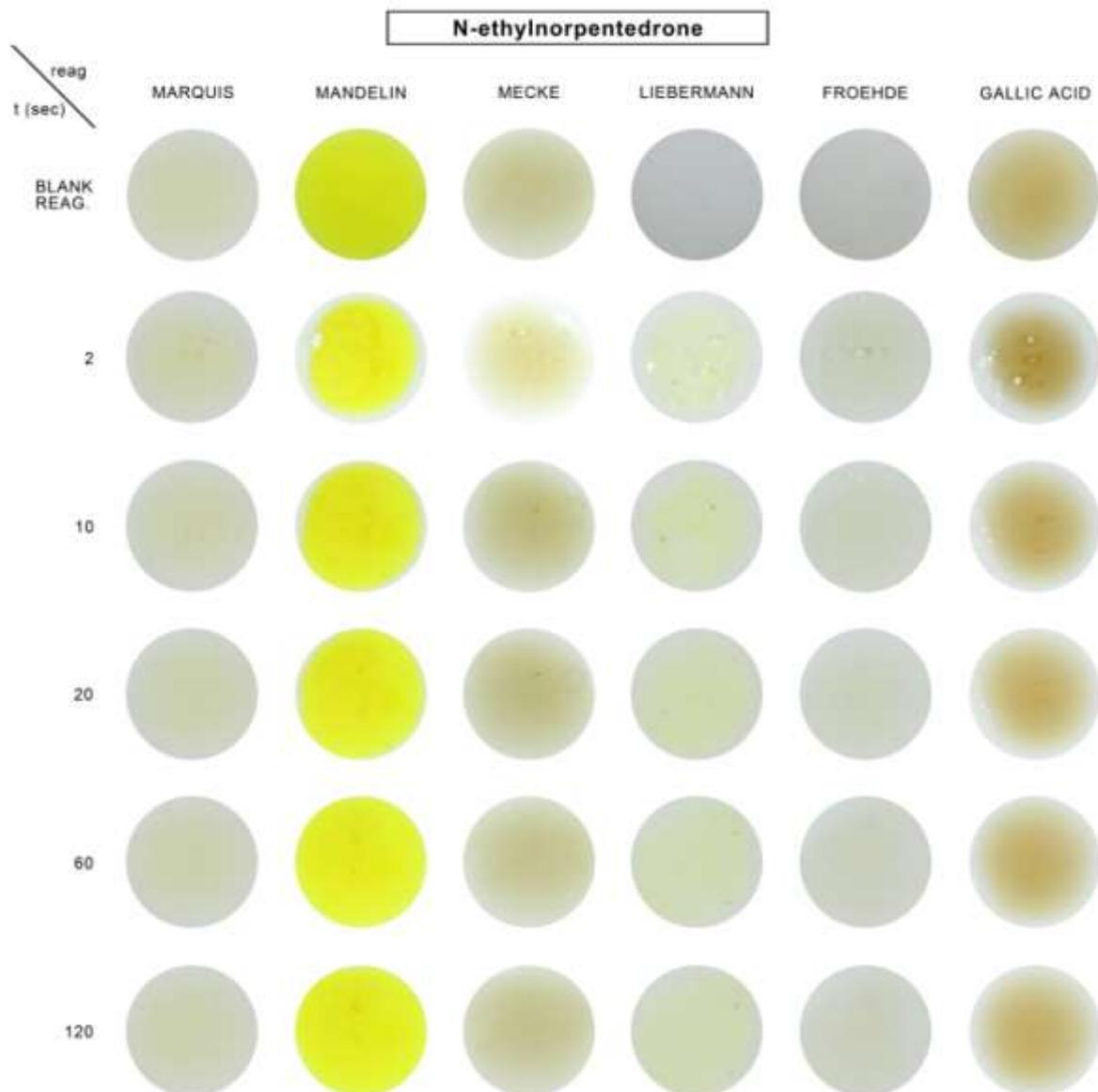
5.17. Pyrovalerone



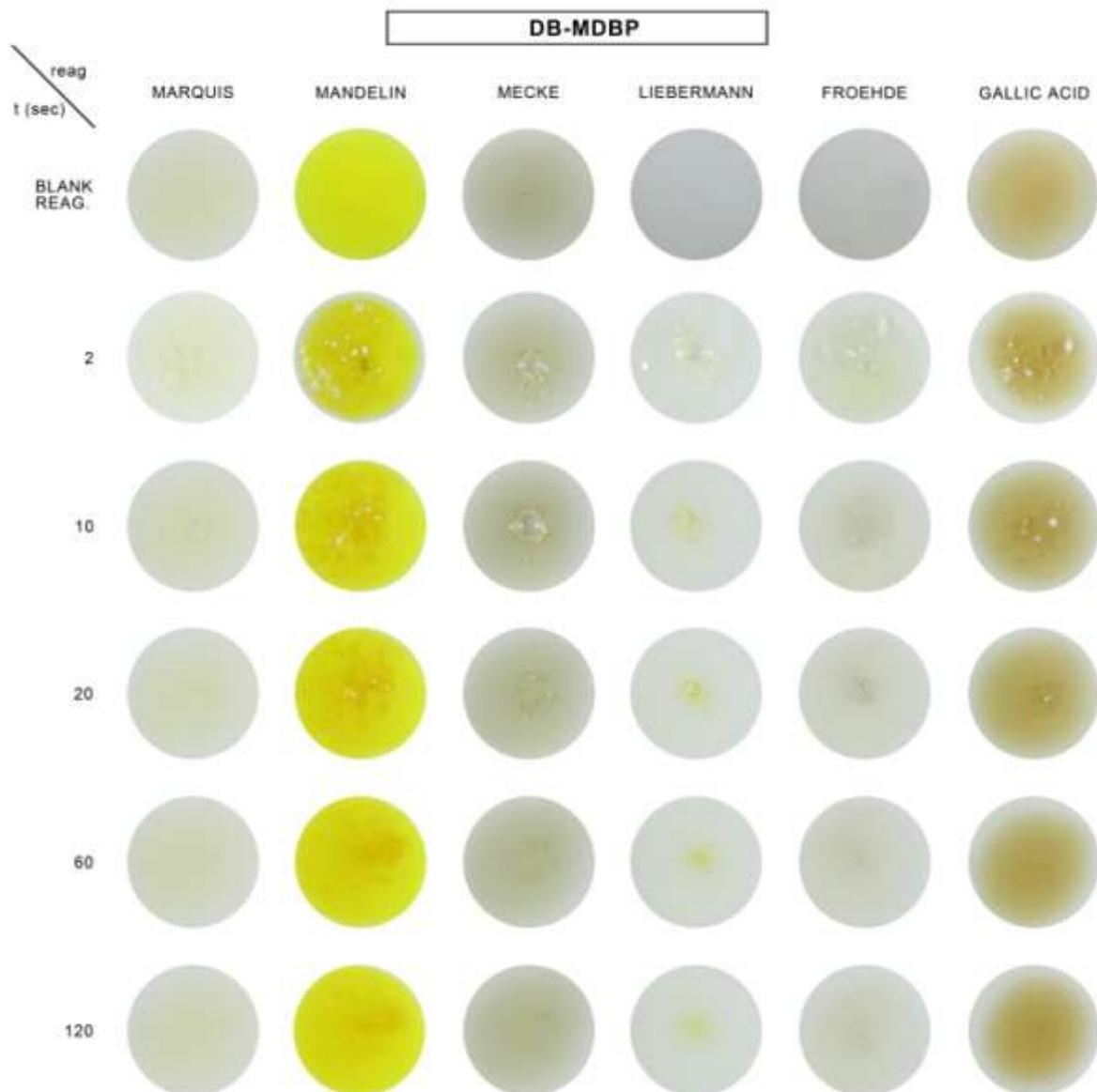
5.18. 3-CMC



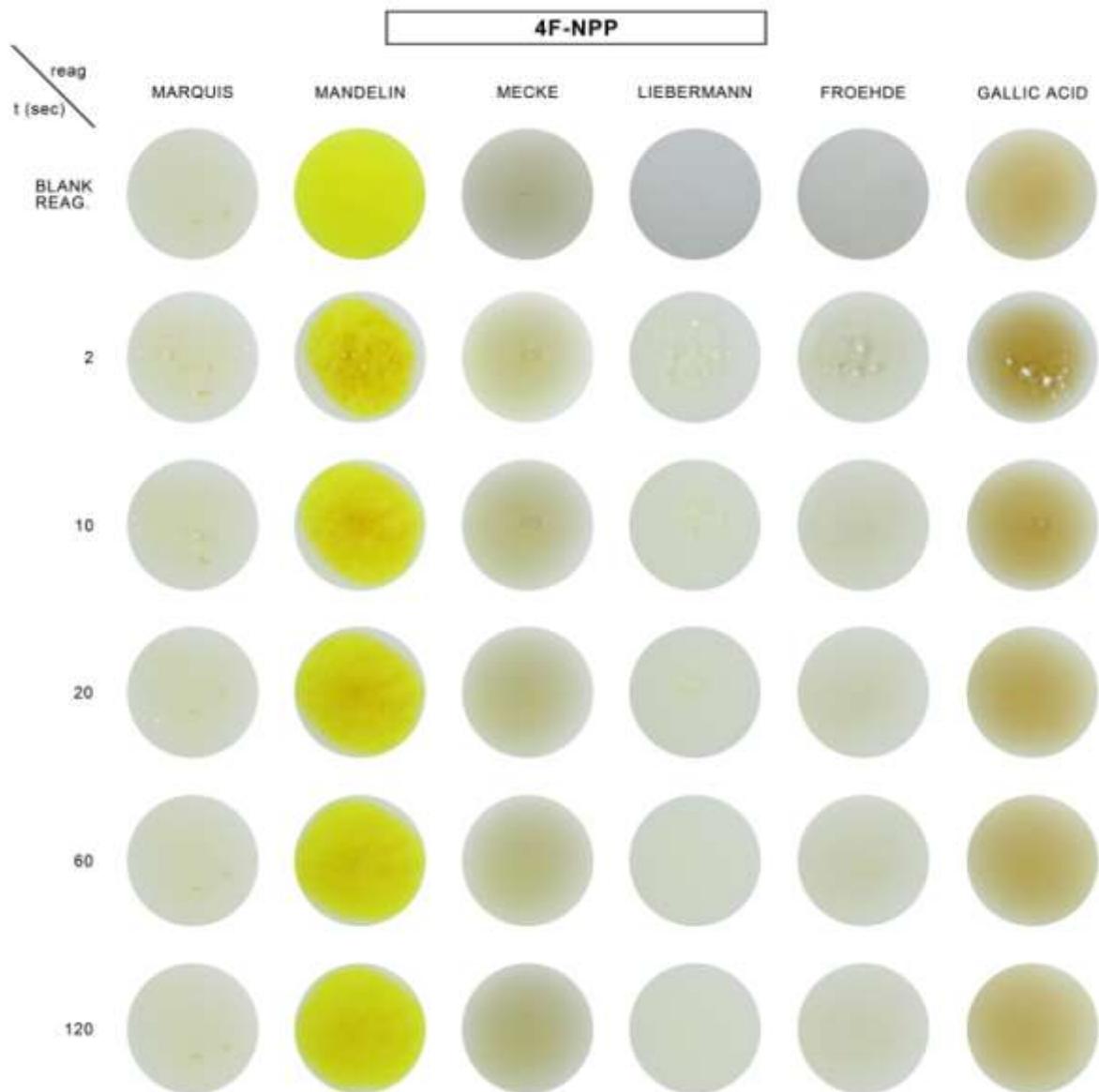
5.19. N-ethylnorpentedrone



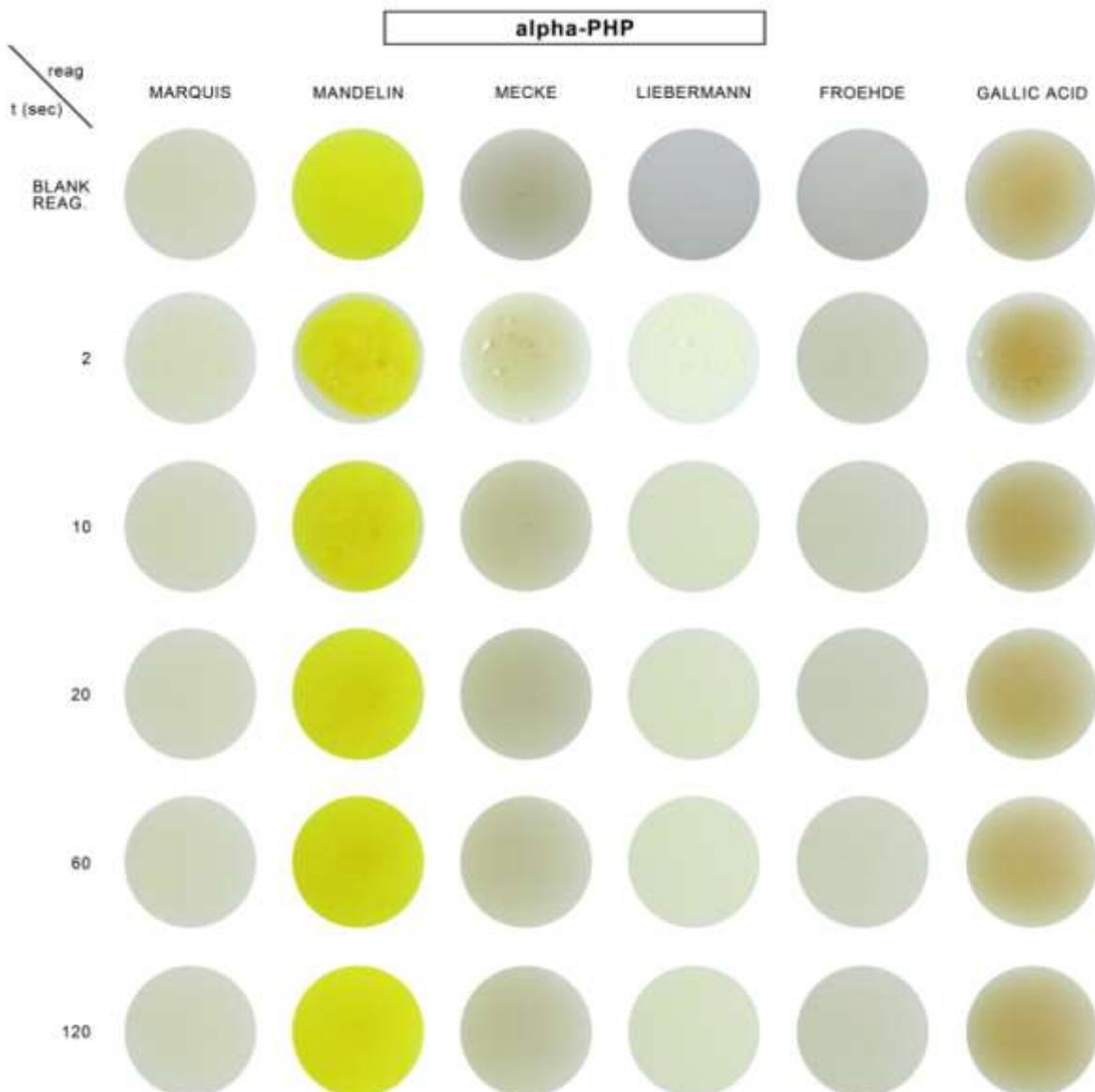
5.20. DB-MDBP



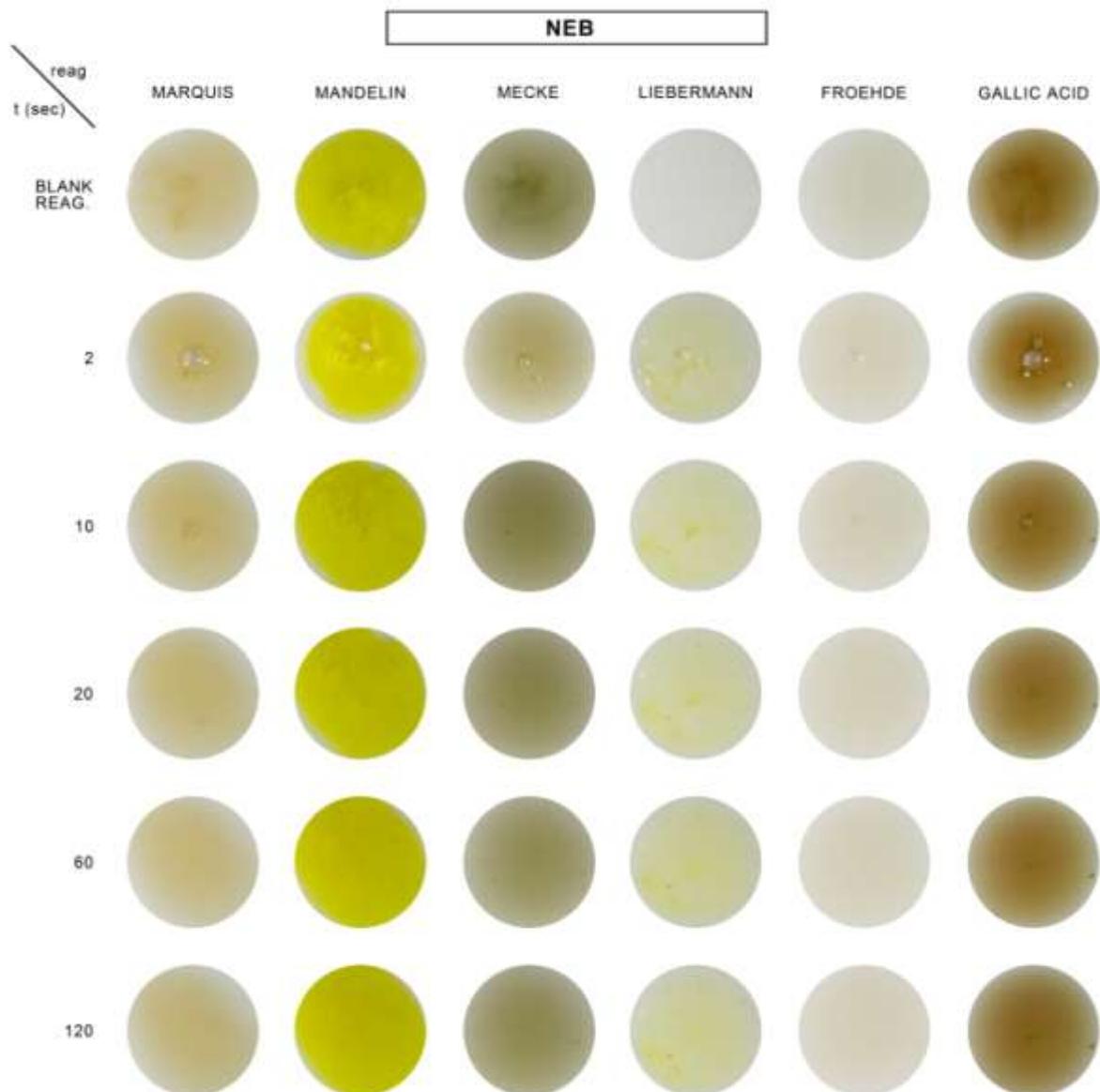
5.21. 4F-NPP



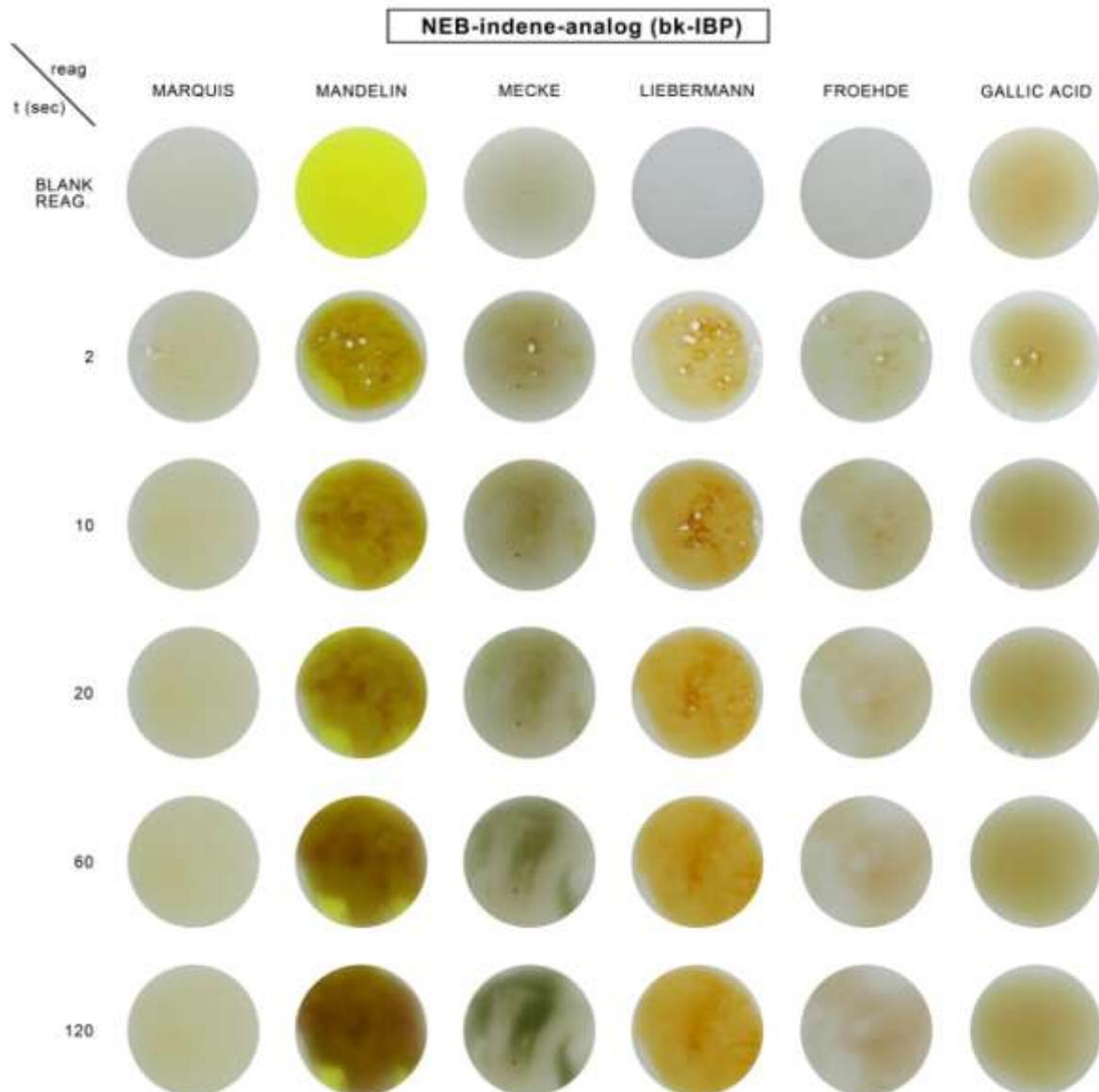
5.22. alpha-PHP



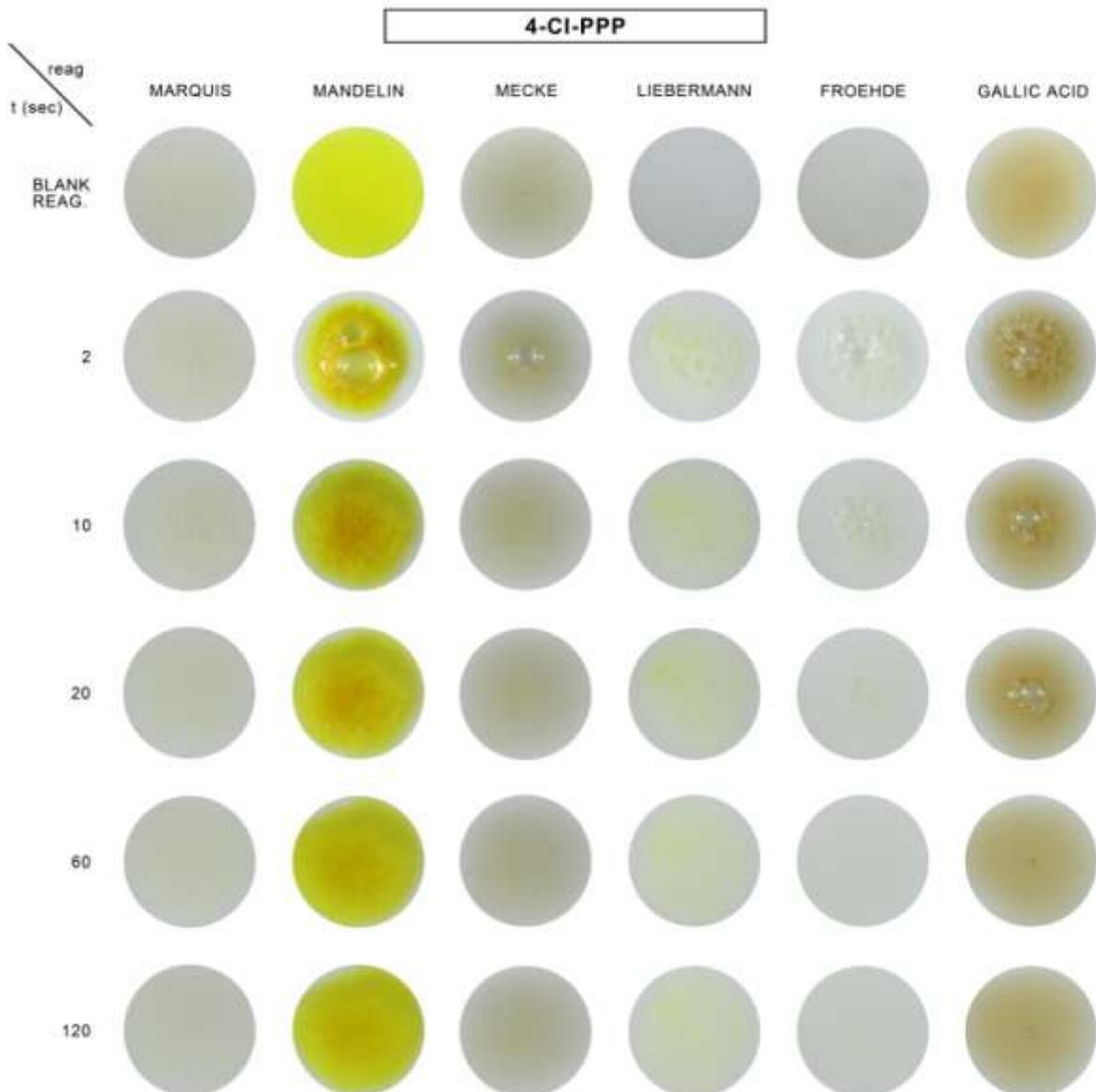
5.23. NEB



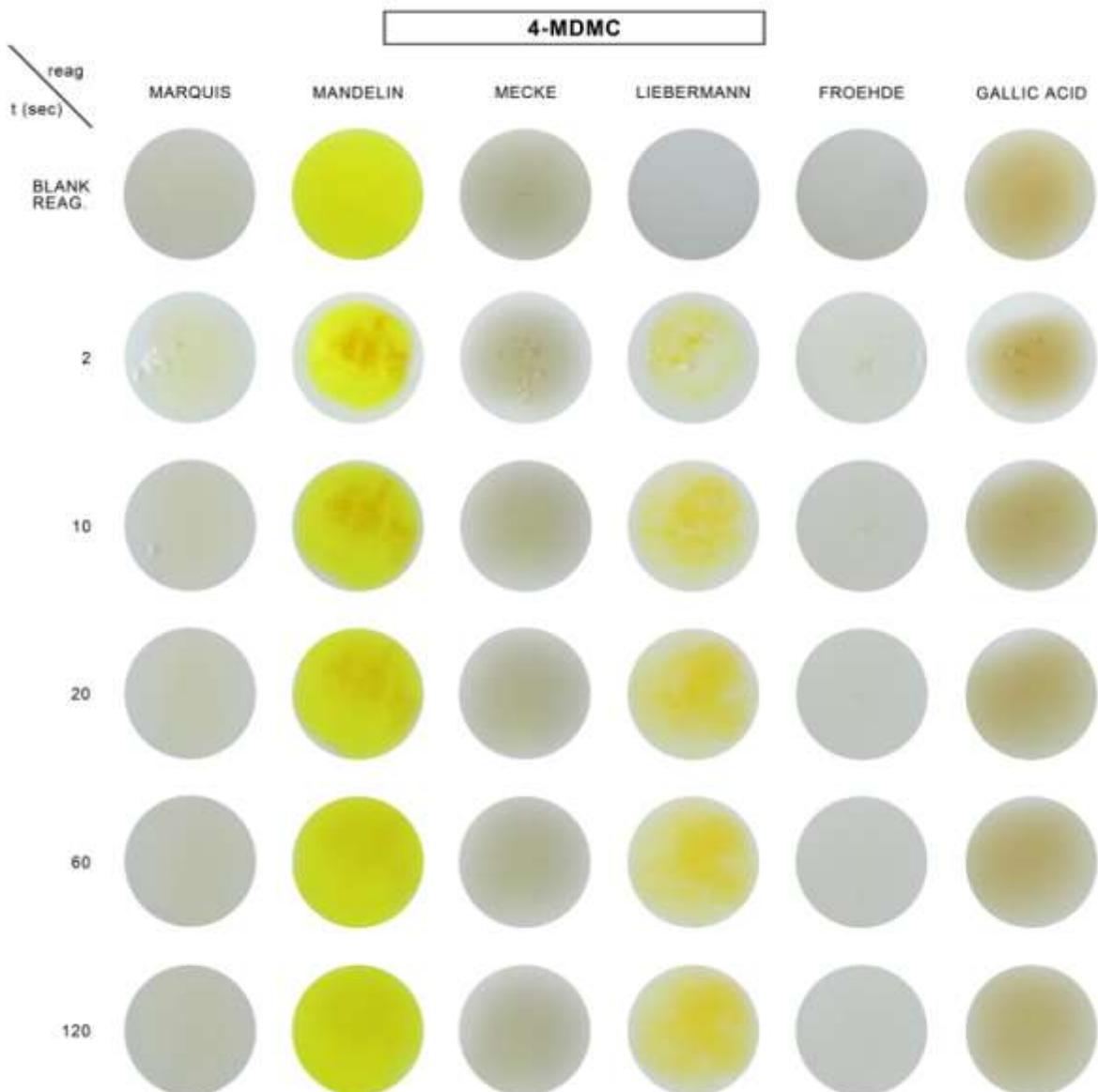
5.24. NEB-indene-analog_(bk-IBP)



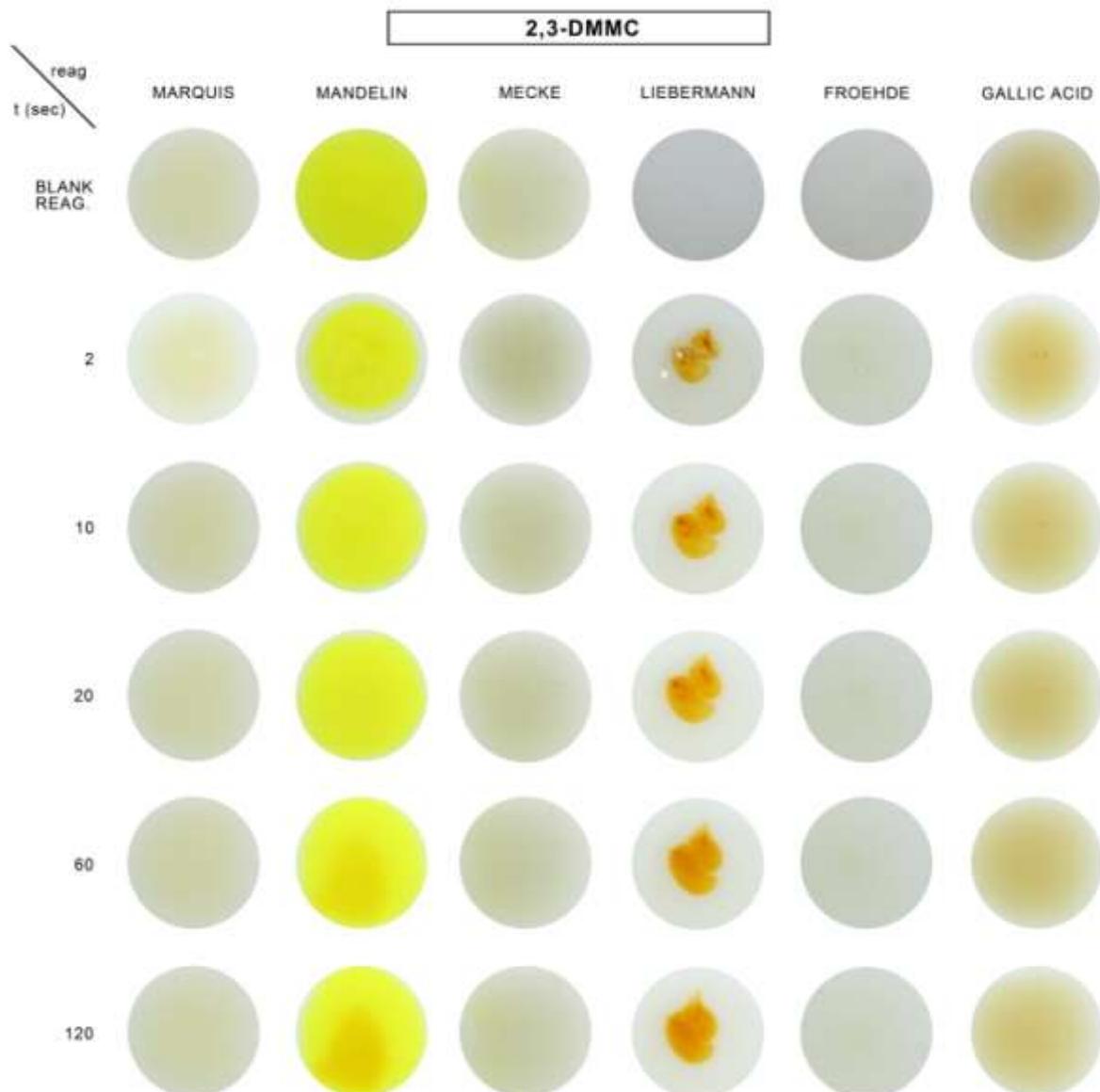
5.25. 4-Cl-PPP



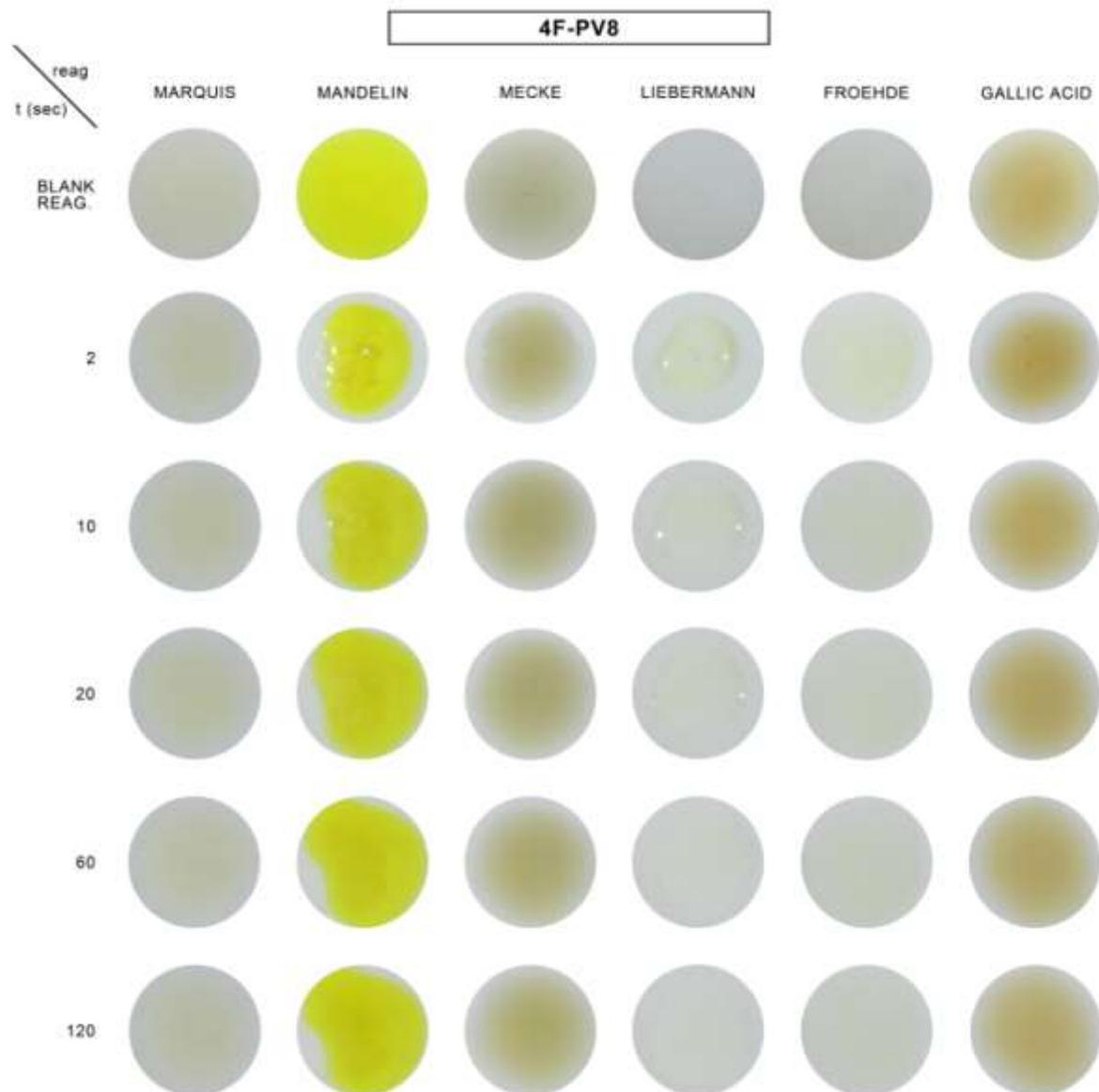
5.26. 4-MDMC



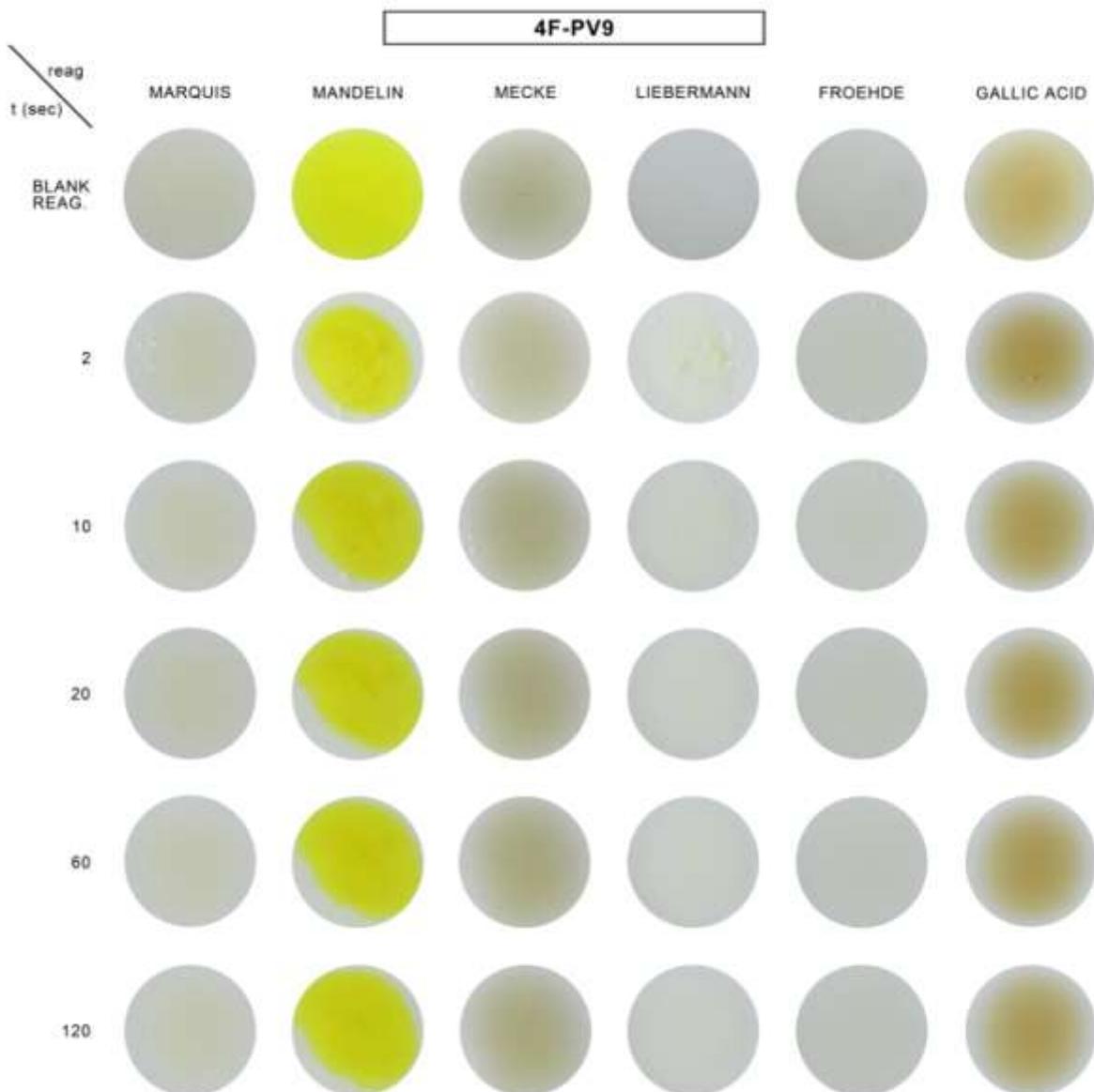
5.27. 2,3-DMMC



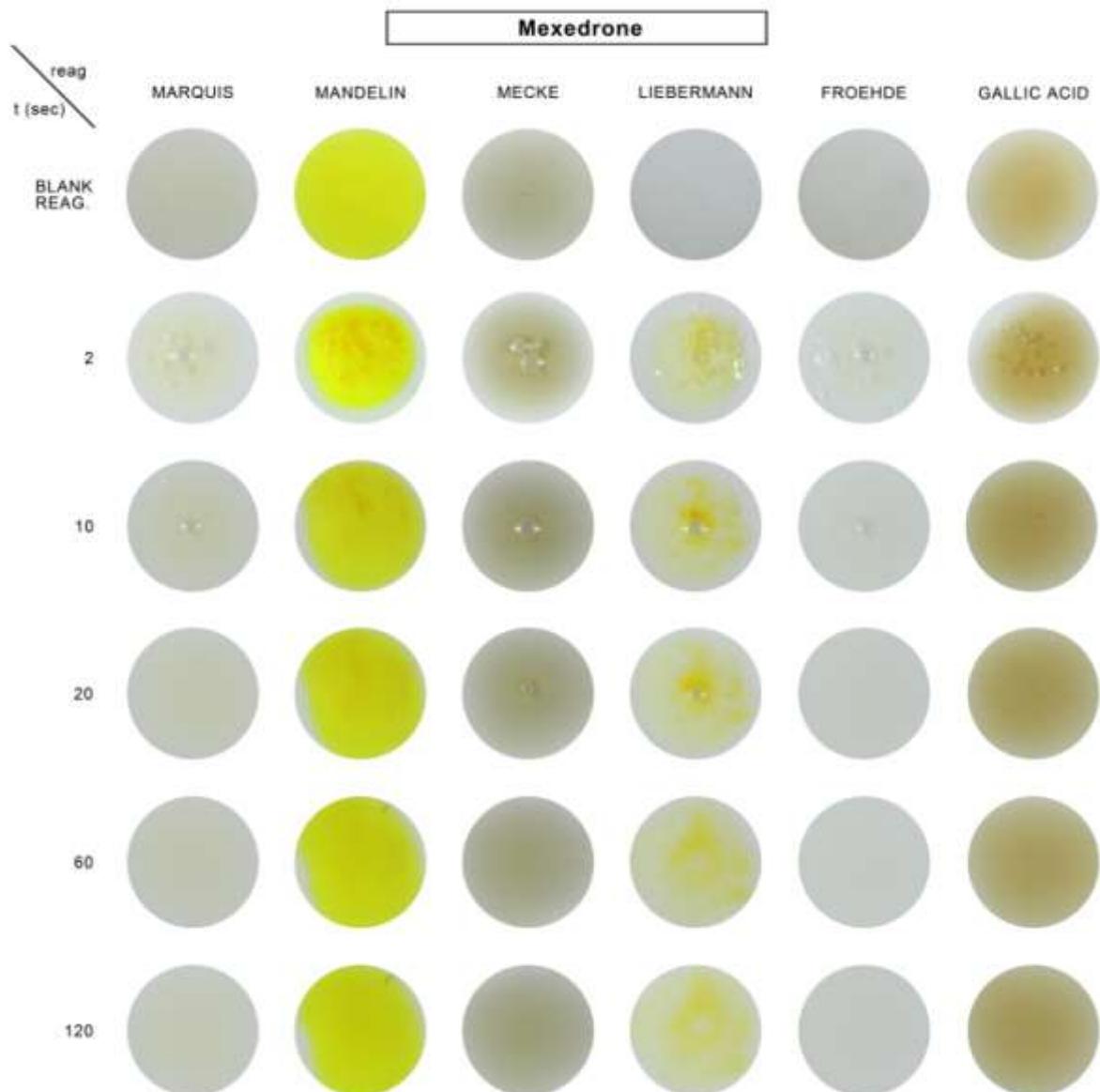
5.28. 4F-PV8



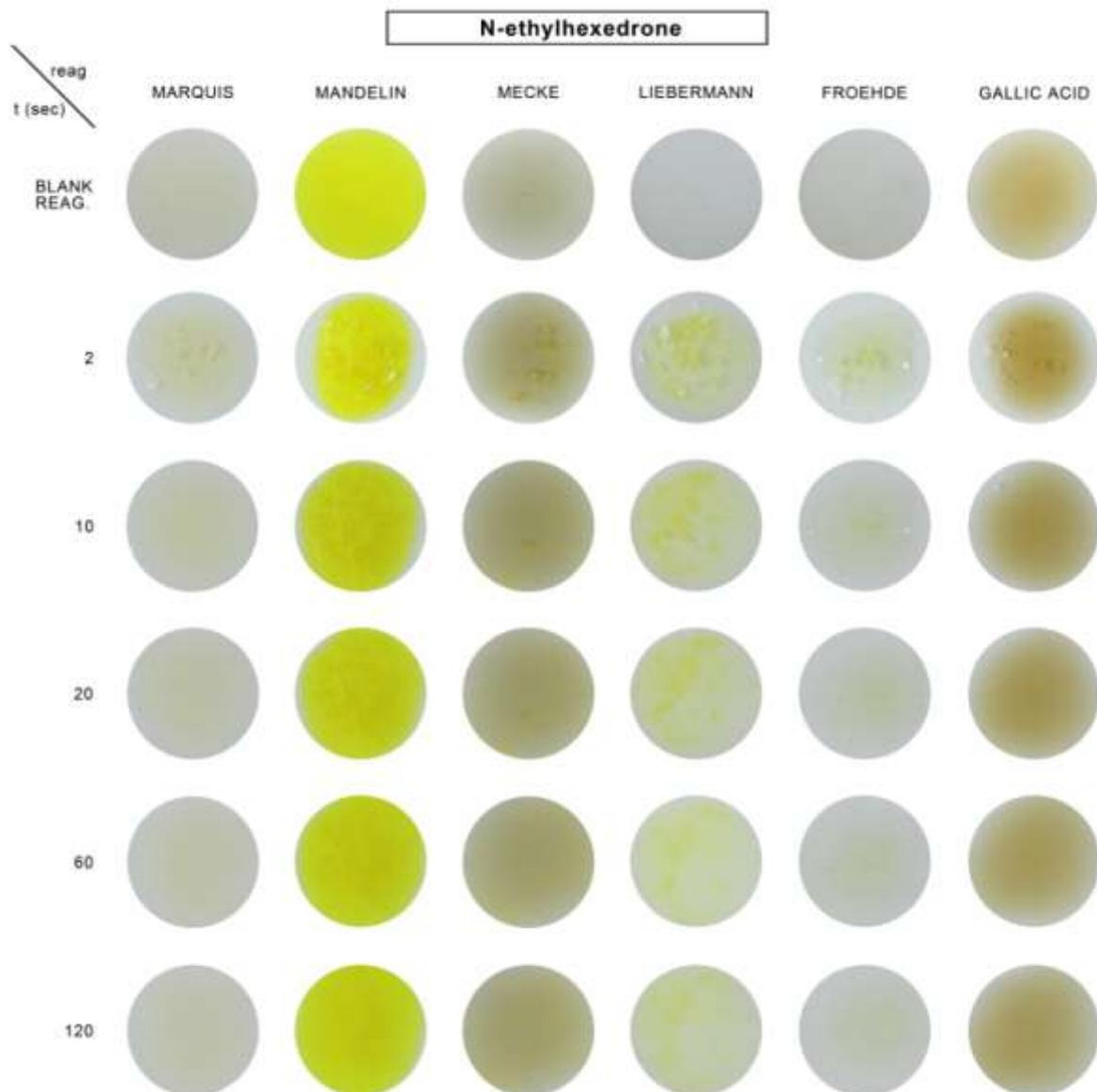
5.29. 4F-PV9



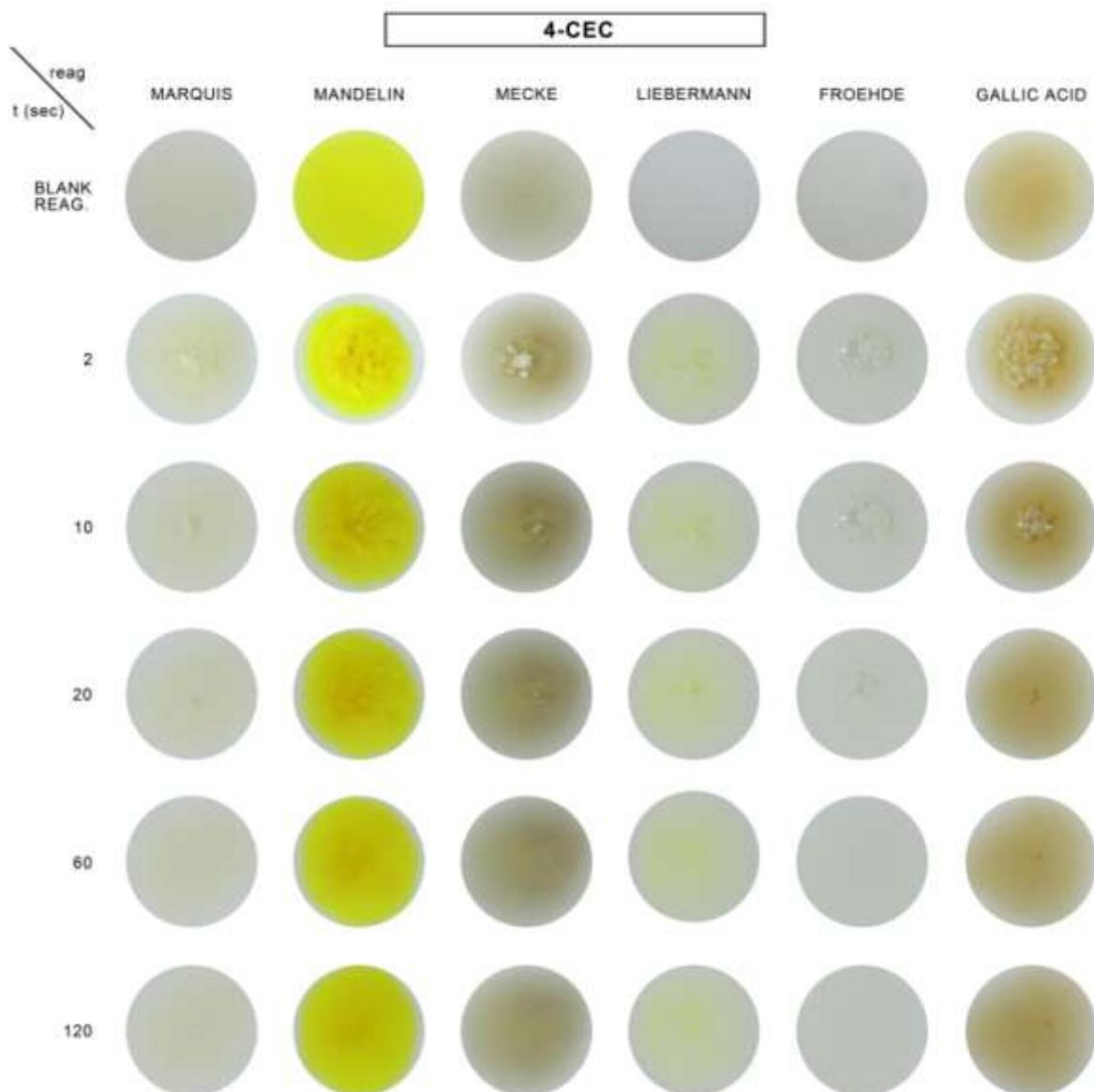
5.30. Mexedrone



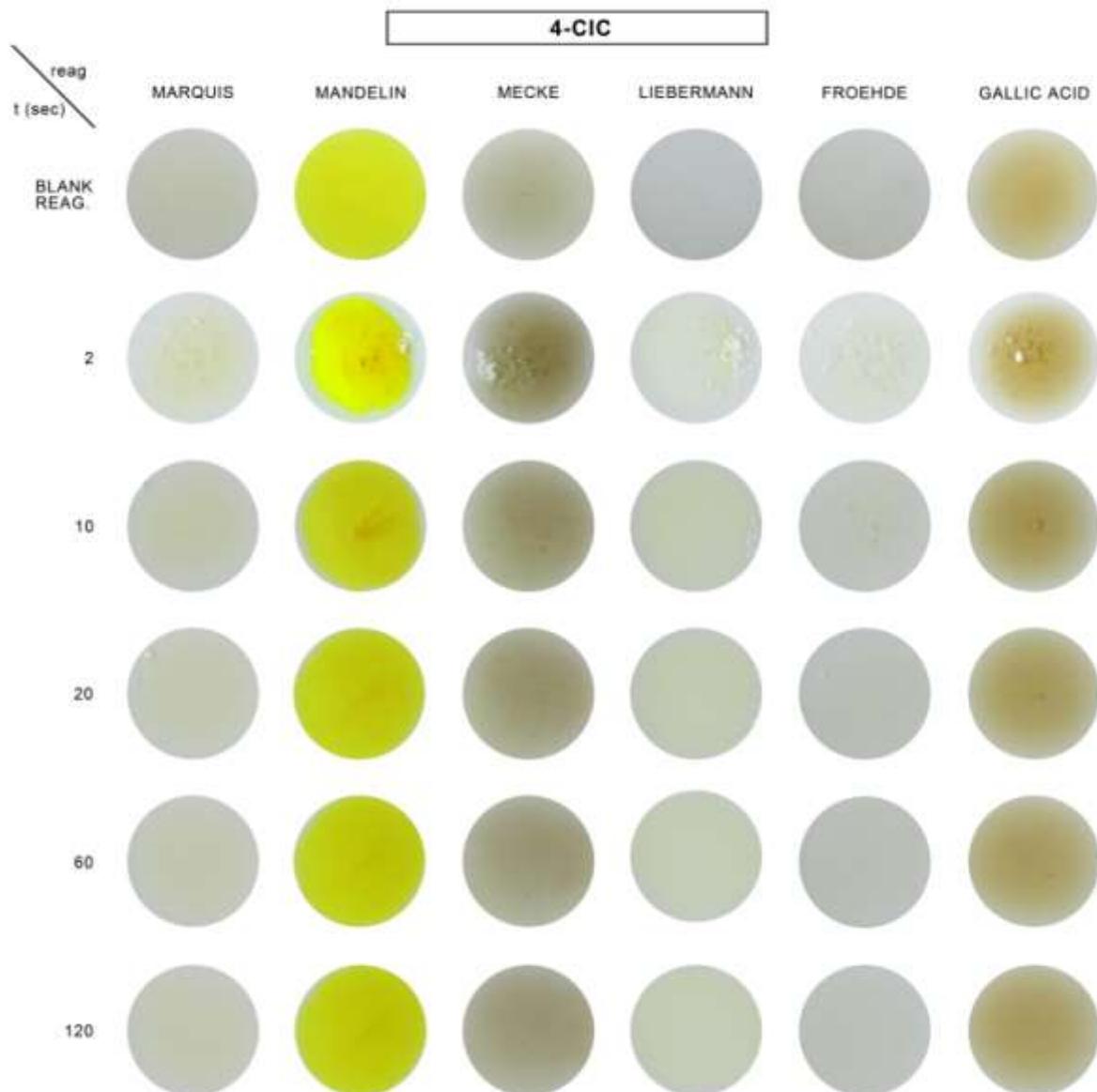
5.31. N-ethylhexedrone



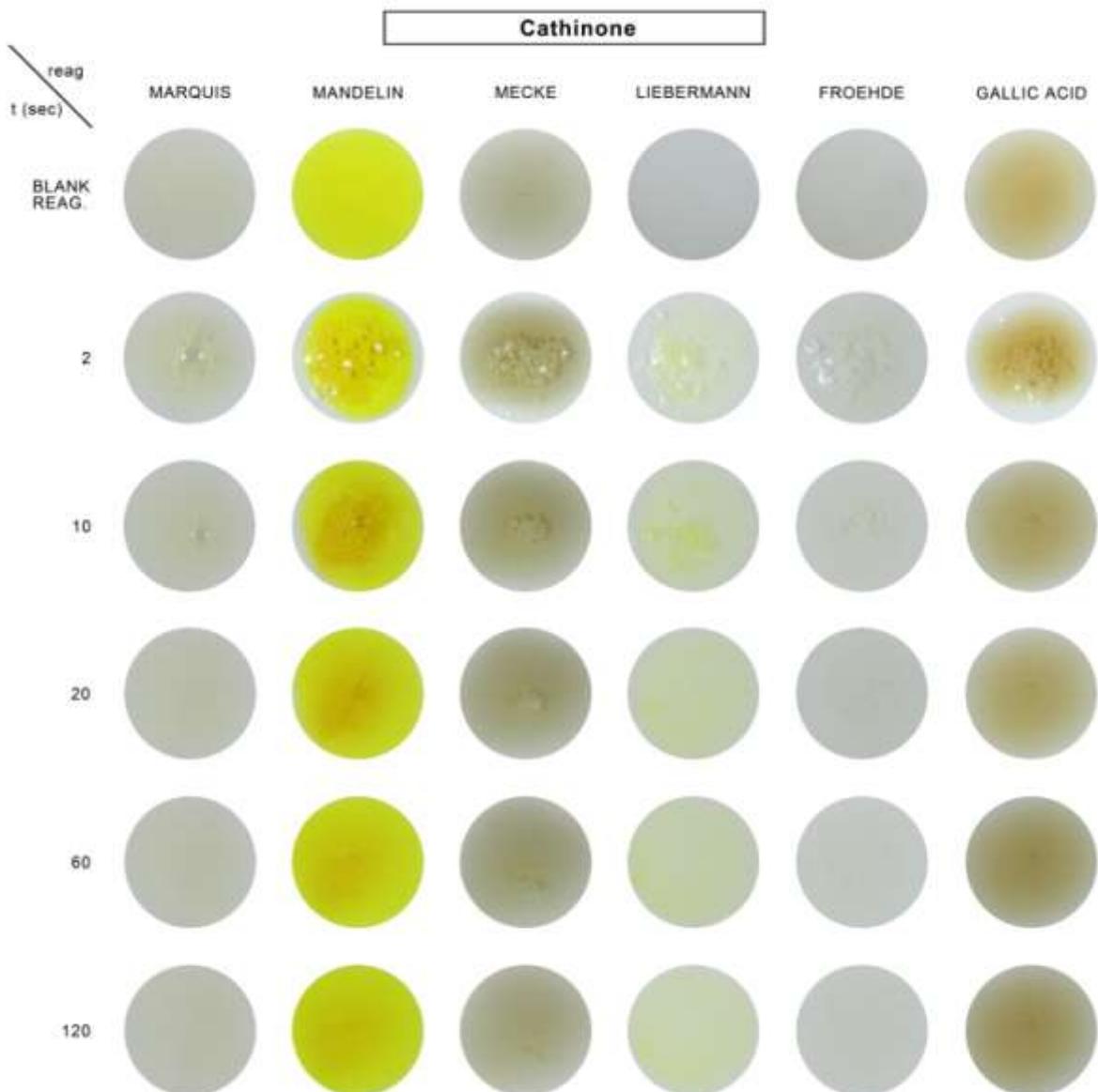
5.32. 4-CEC



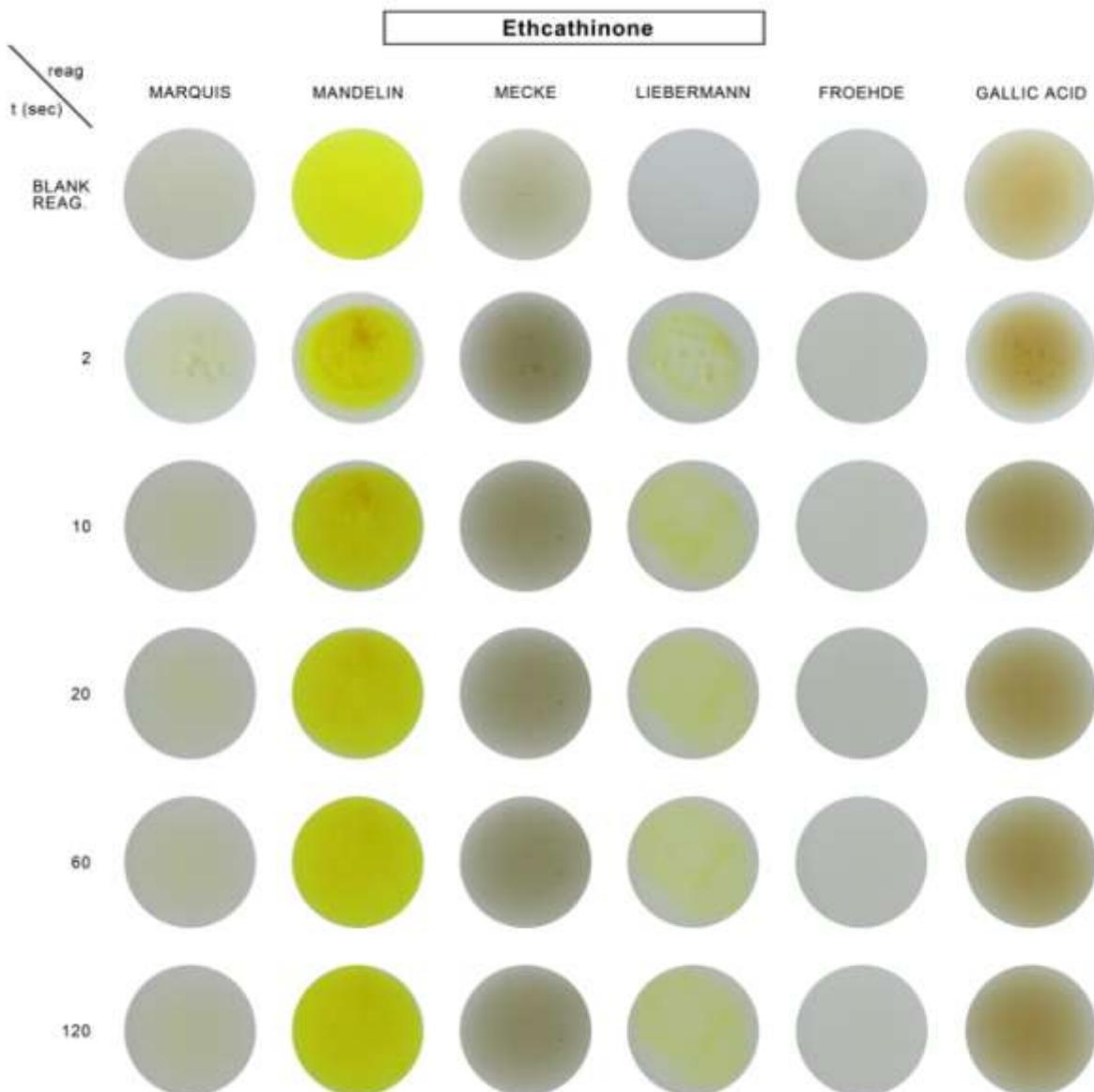
5.33. 4-CIC



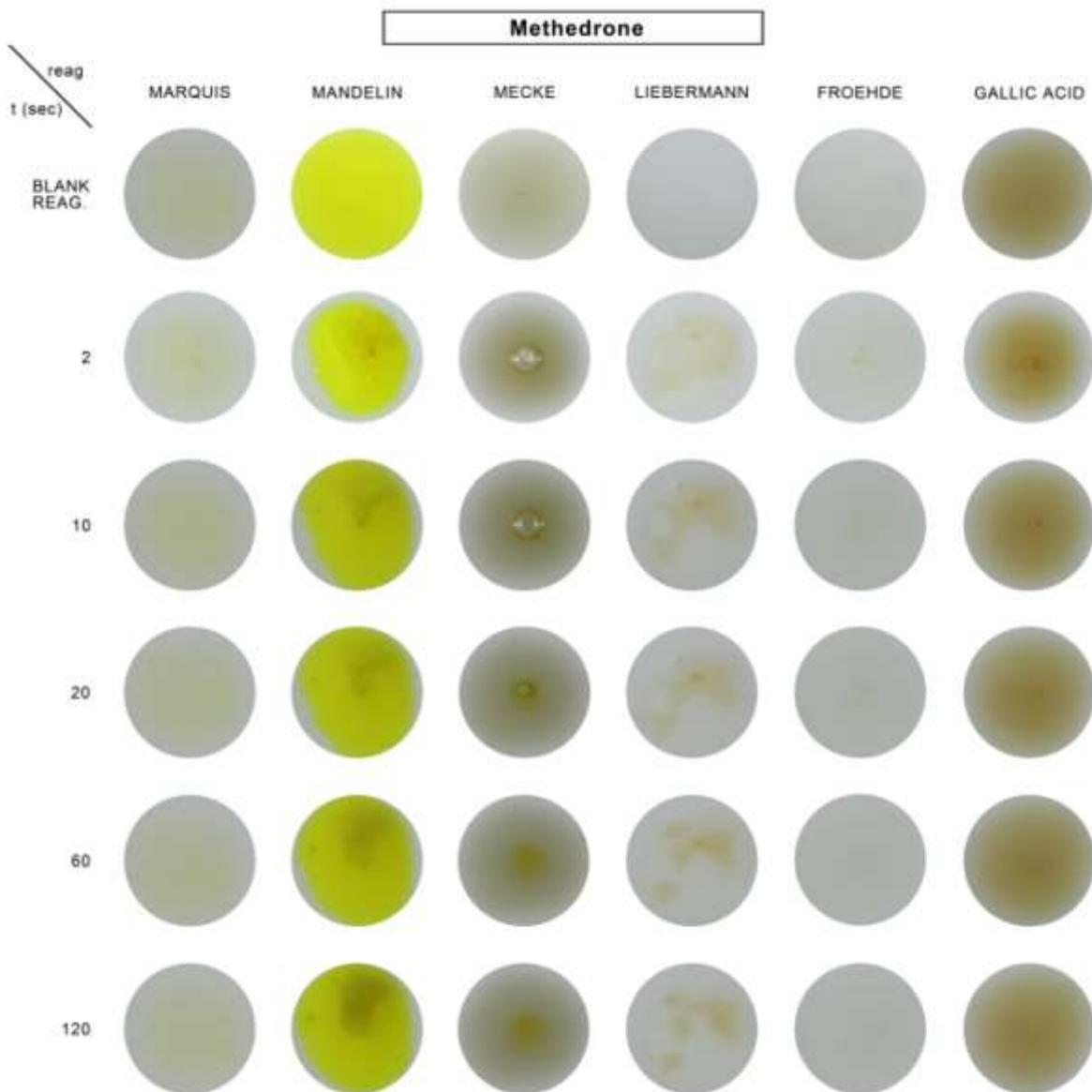
5.34. Cathinone



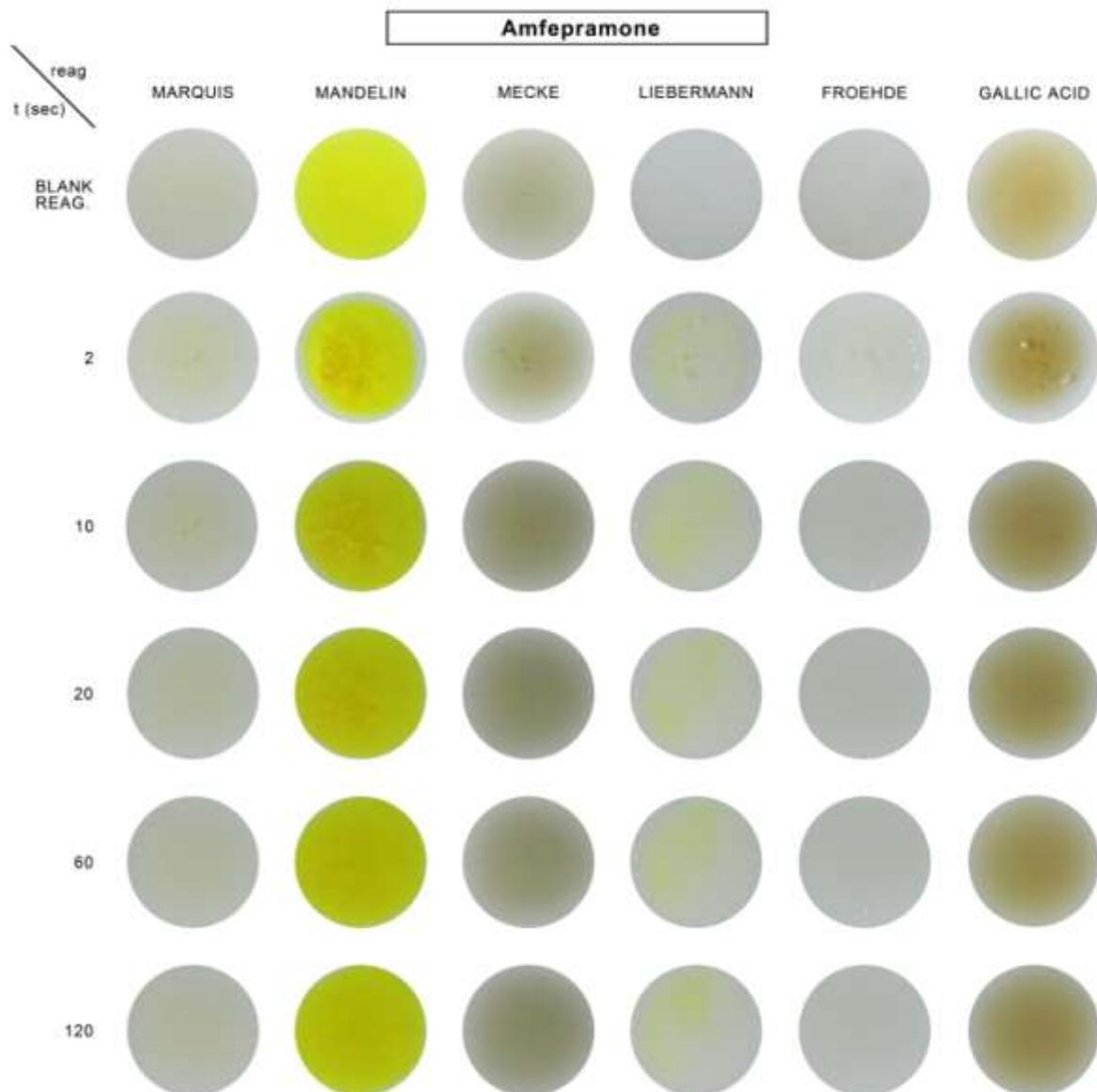
5.35. Ethcathinone



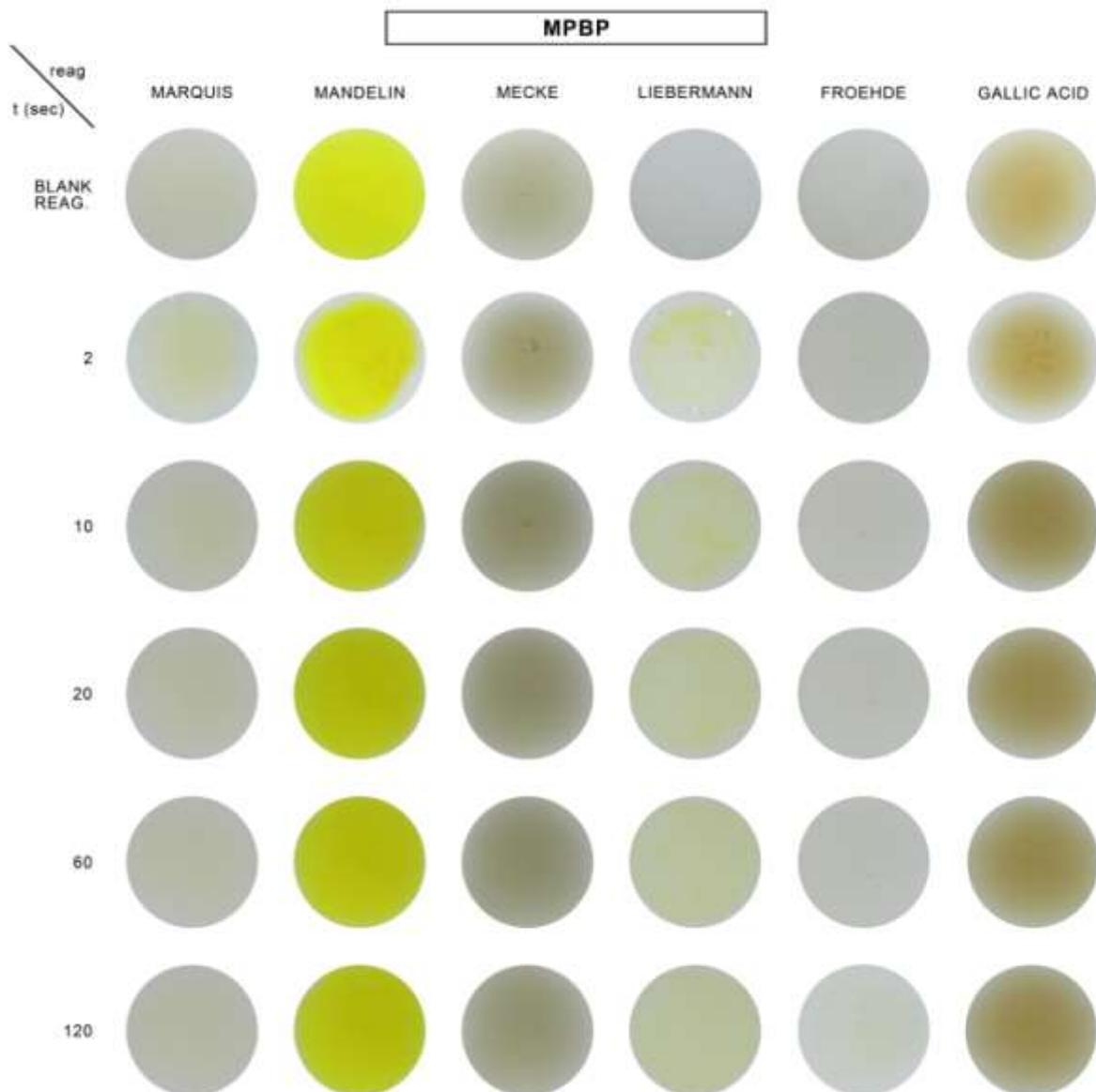
5.36. Methedrone



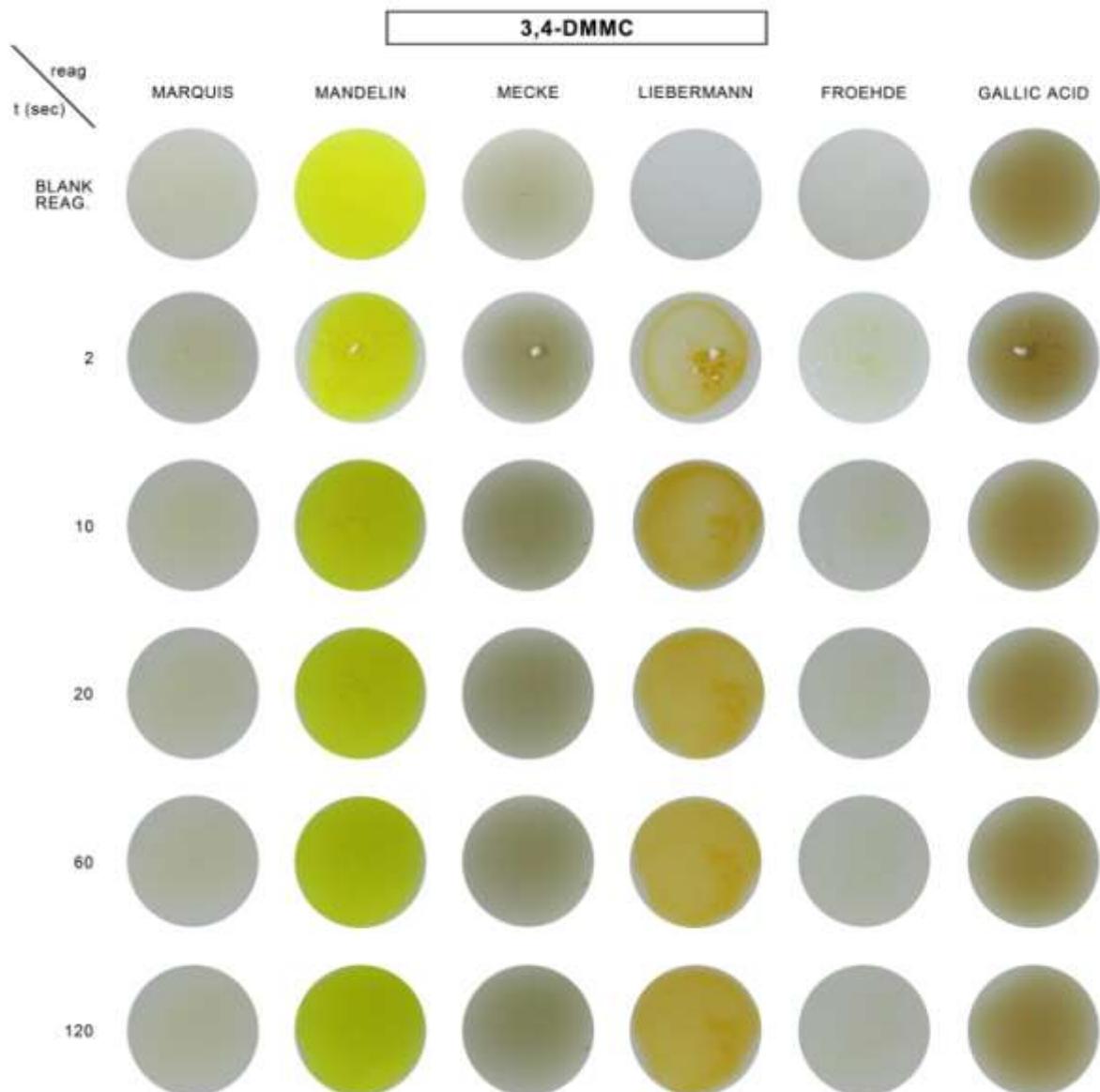
5.37. Amfepramone



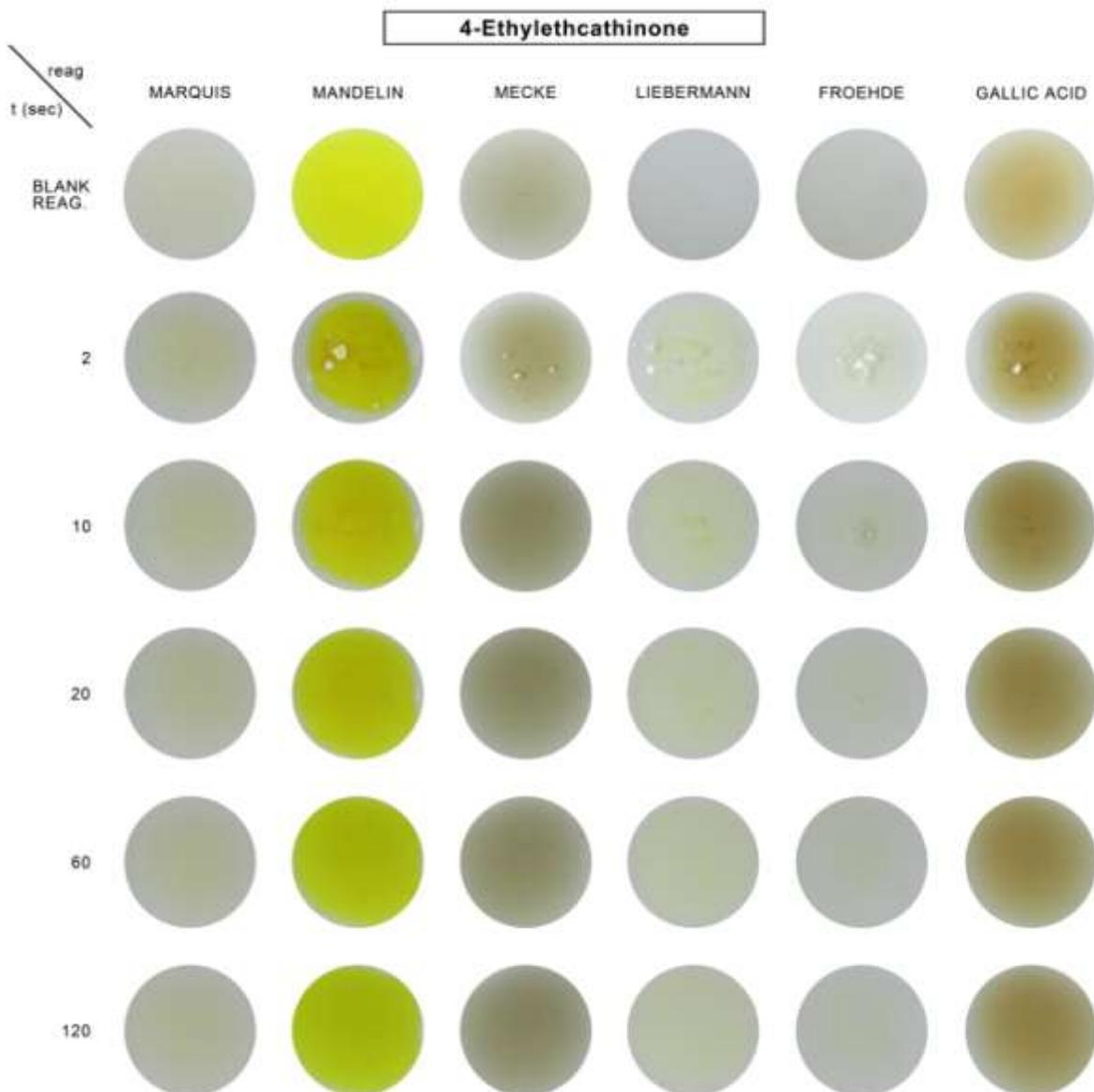
5.38. MPBP



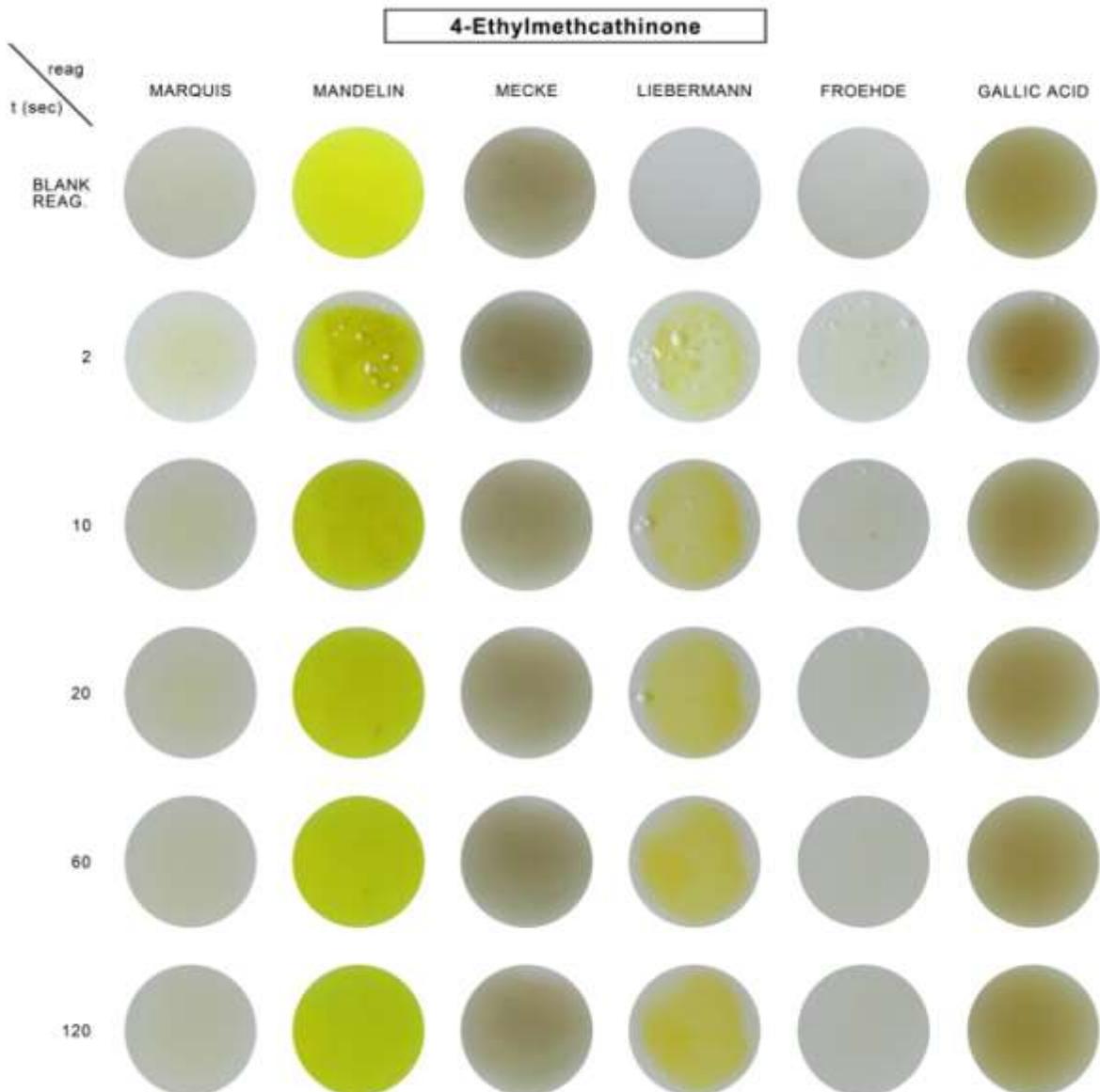
5.39. 3,4-DMMC



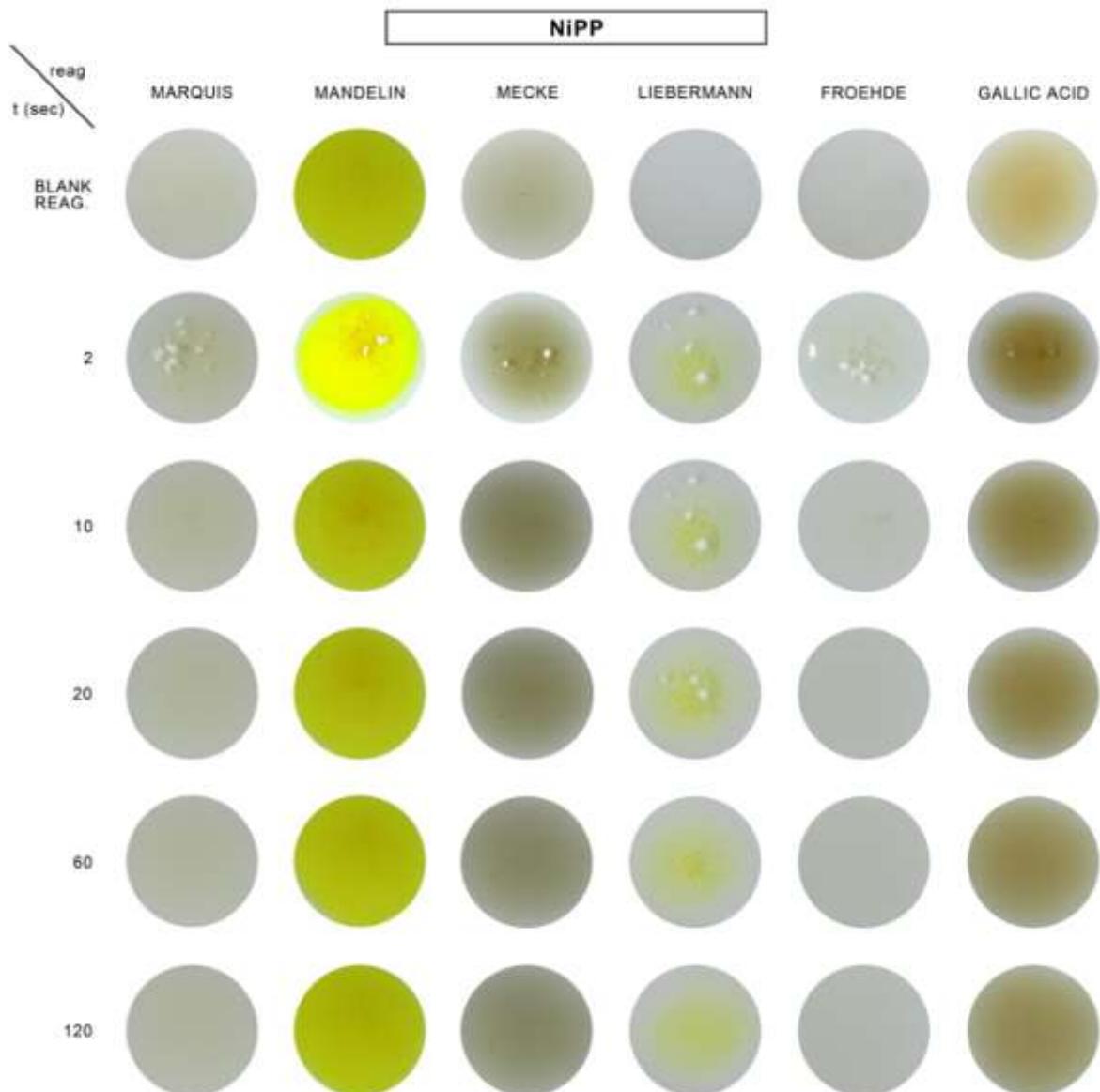
5.40. 4-Ethylethcathinone



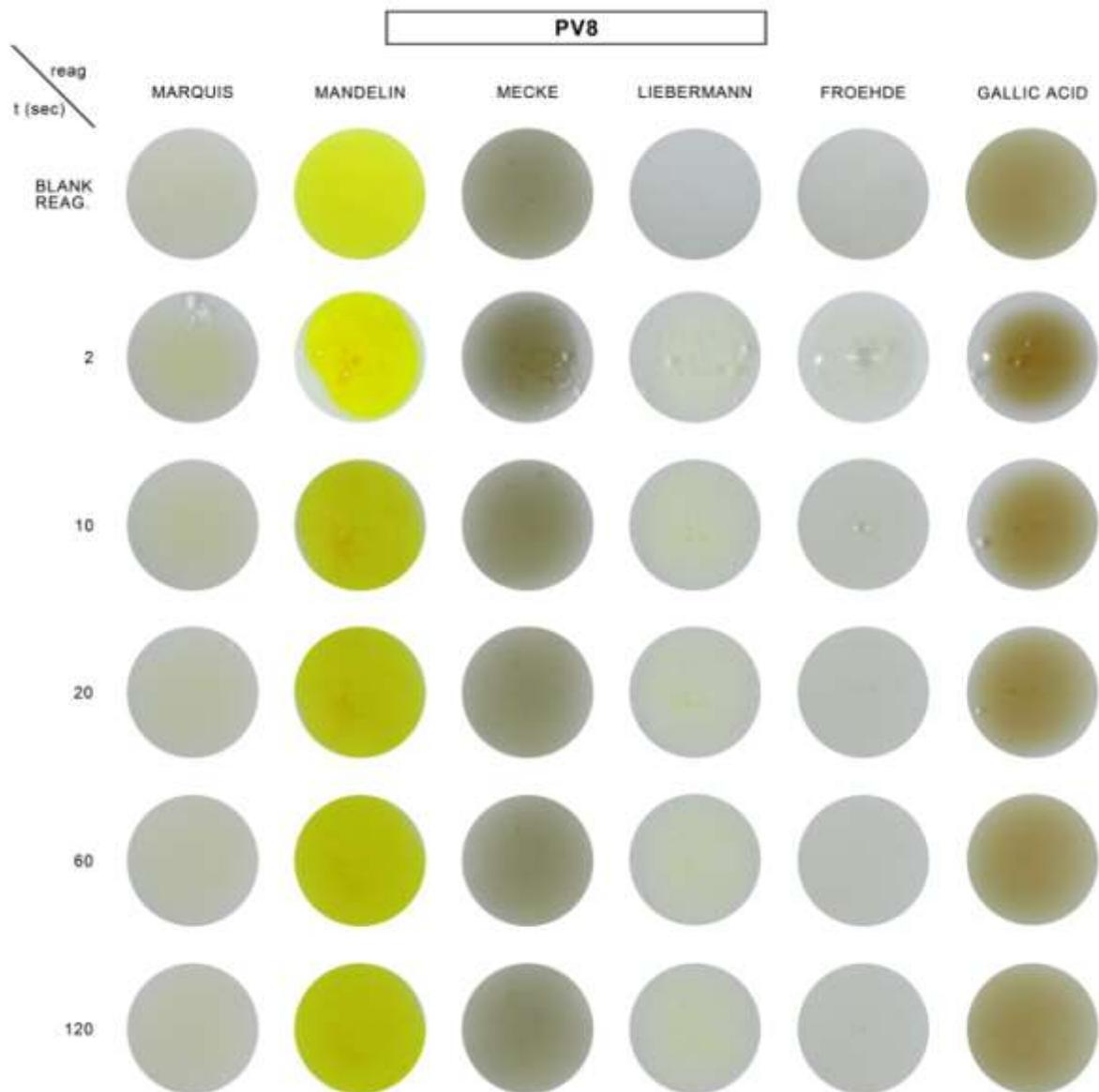
5.41. 4-Ethylmethcathinone



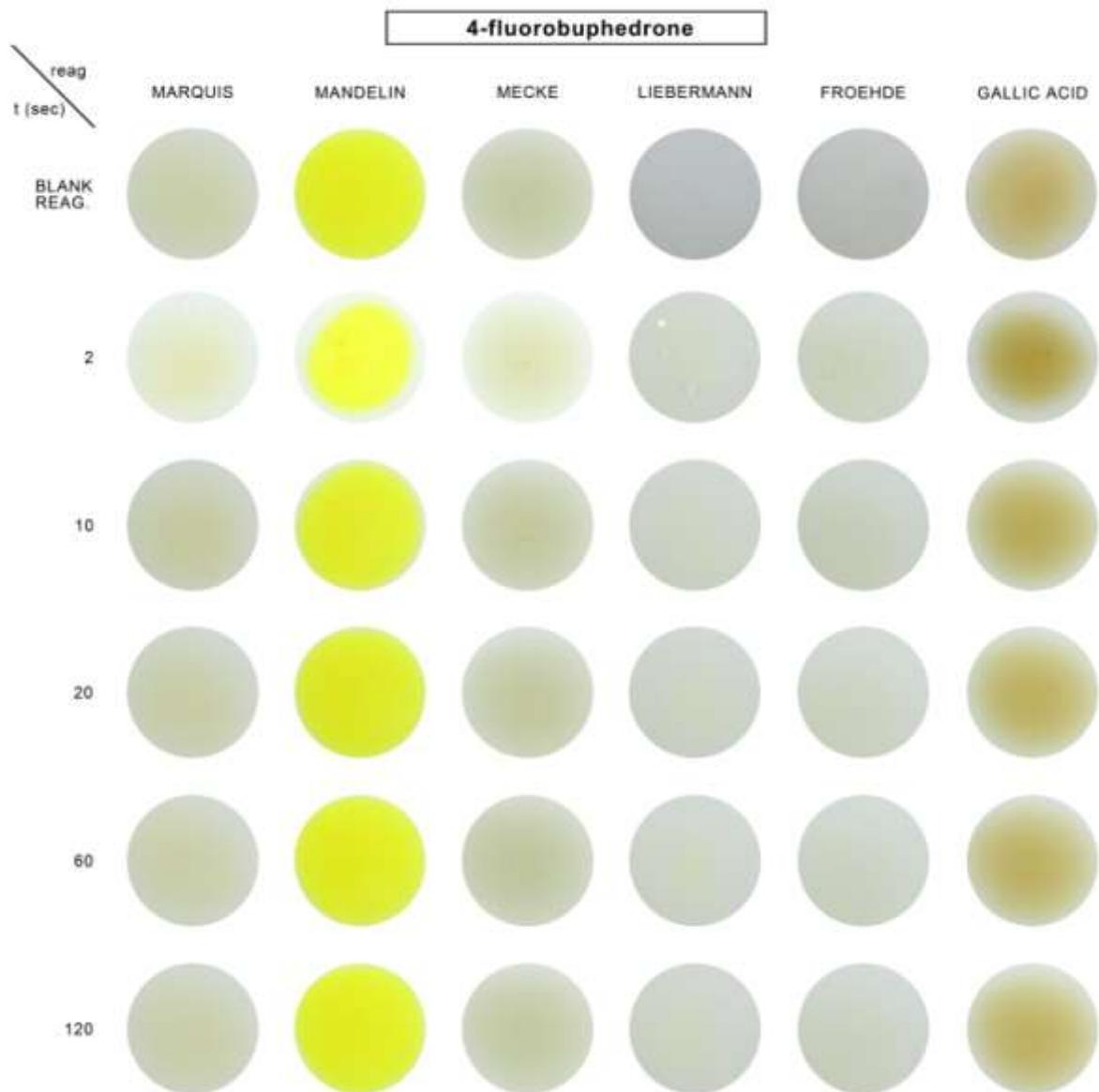
5.42. NiPP



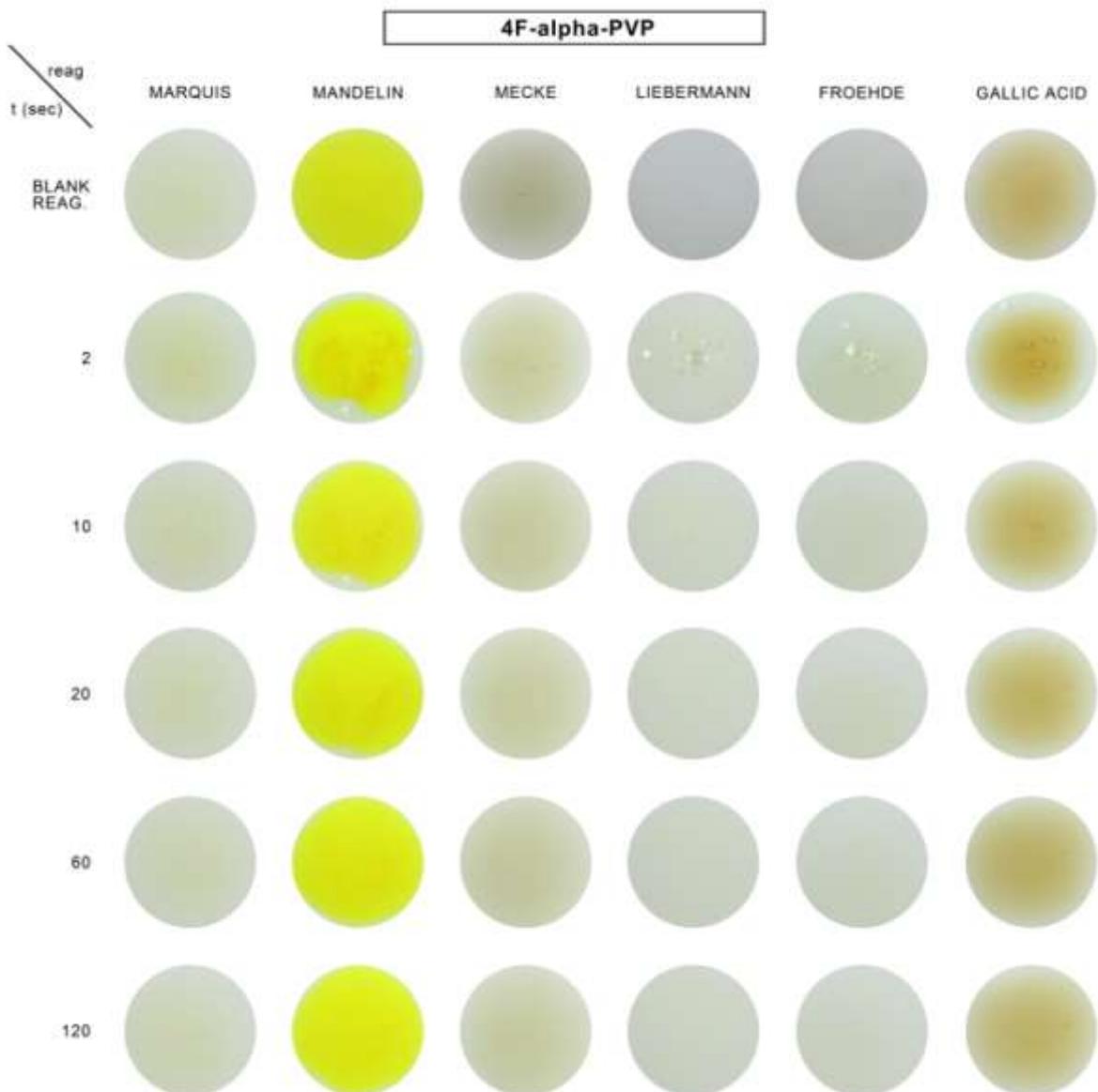
5.43. PV8



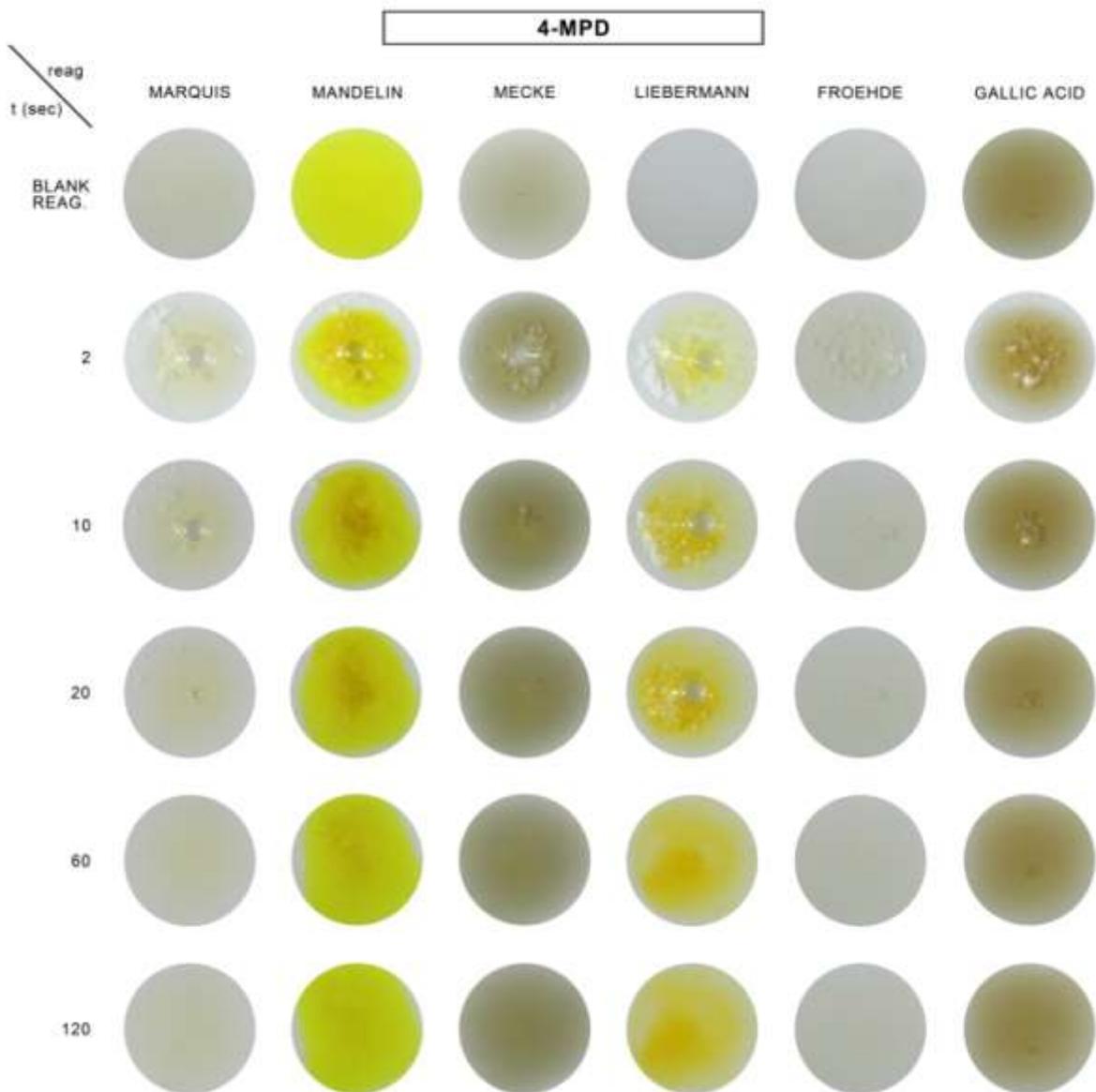
5.44. 4-fluorobuphedrone



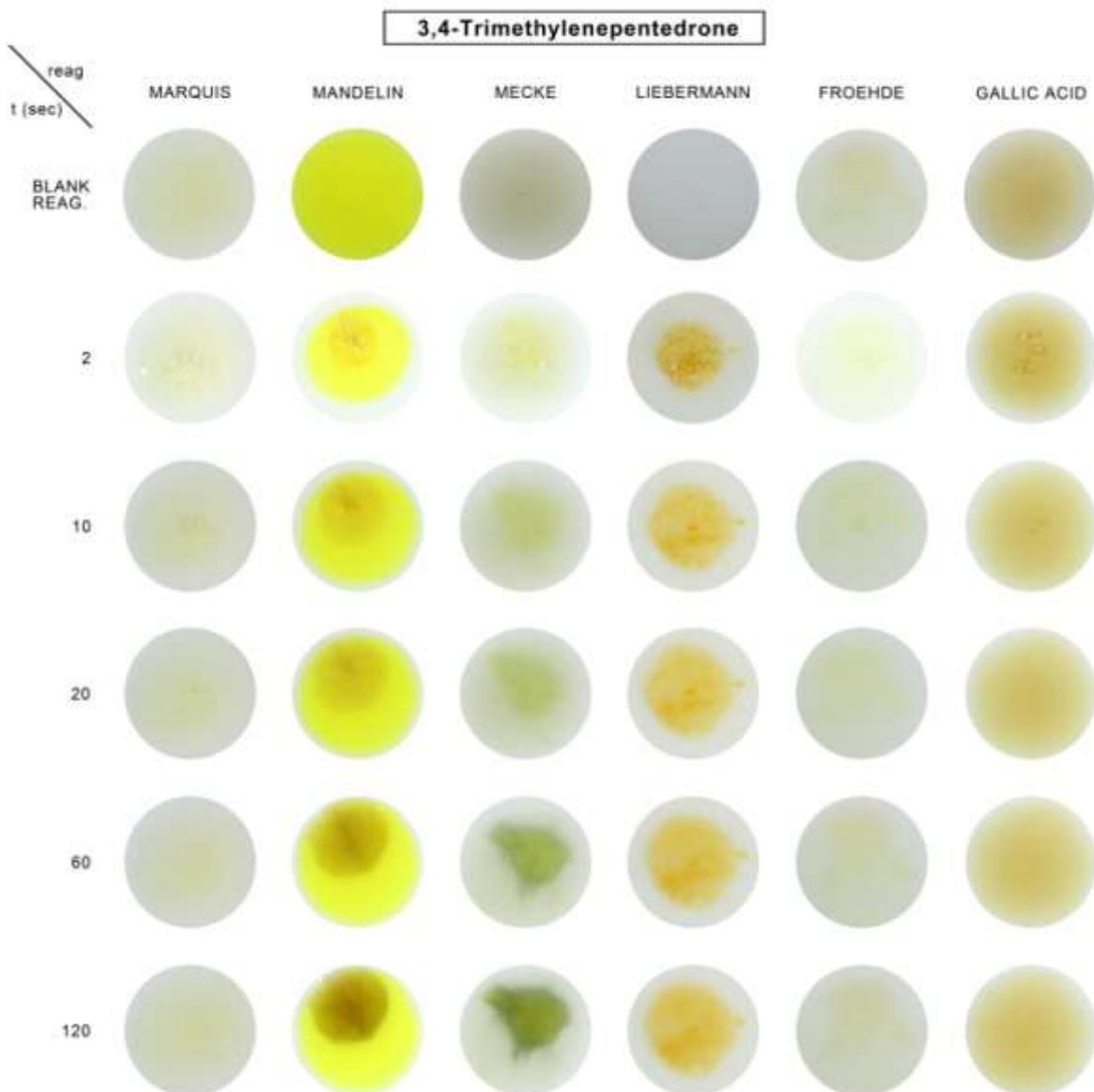
5.45. 4F- α -PVP



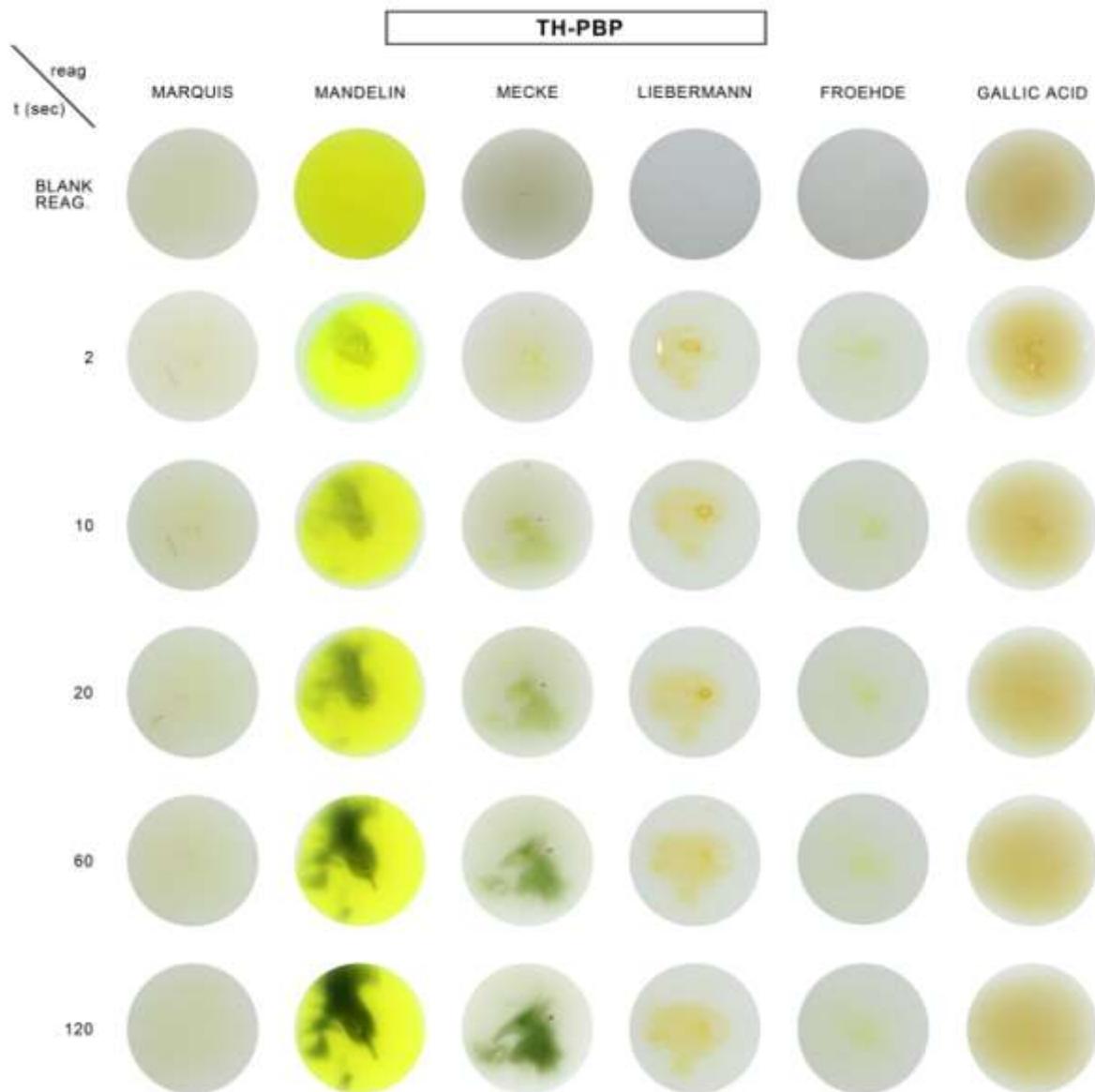
5.46. 4-MPD



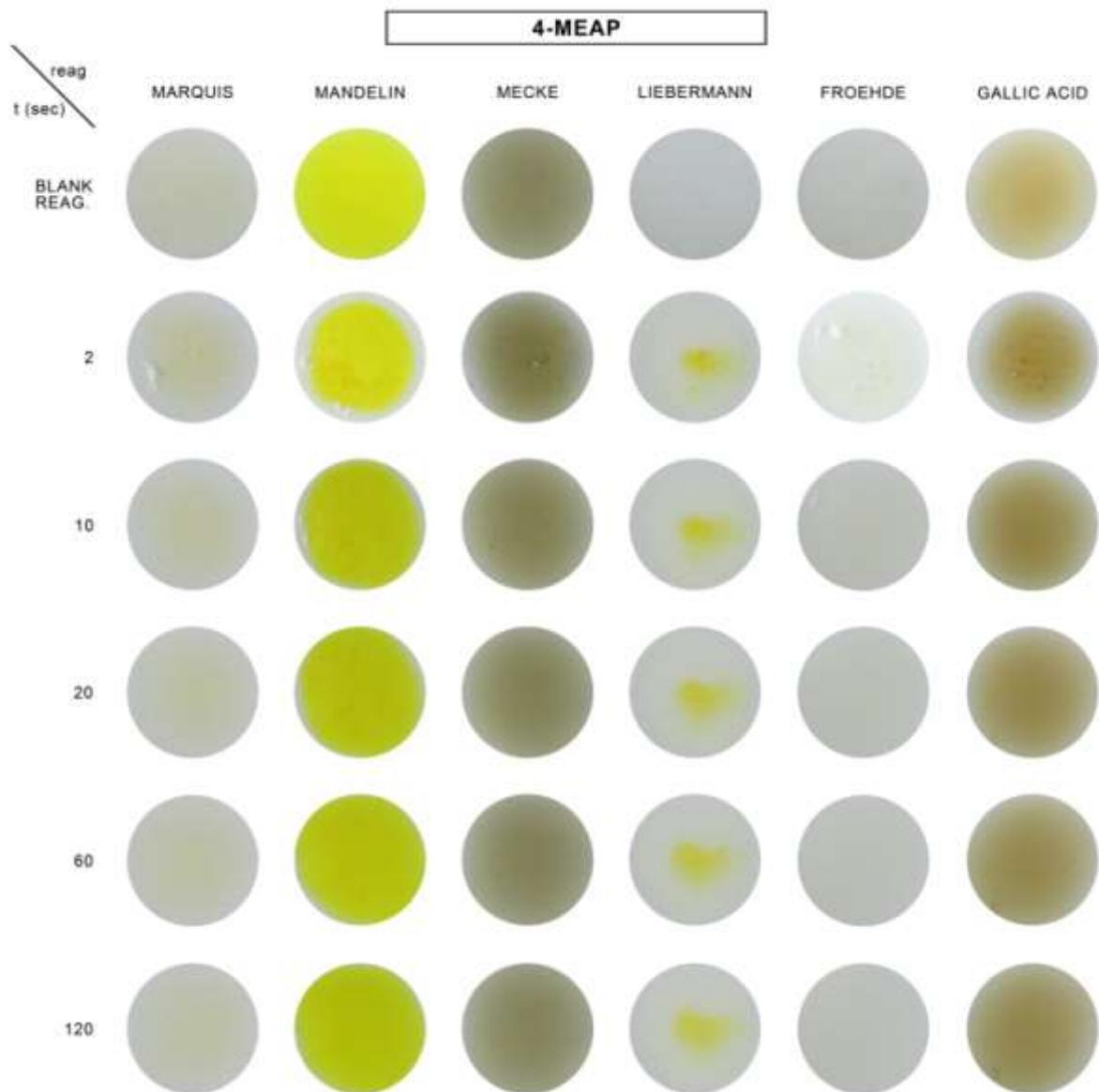
5.47. 3,4-Trimethylenepentedrone



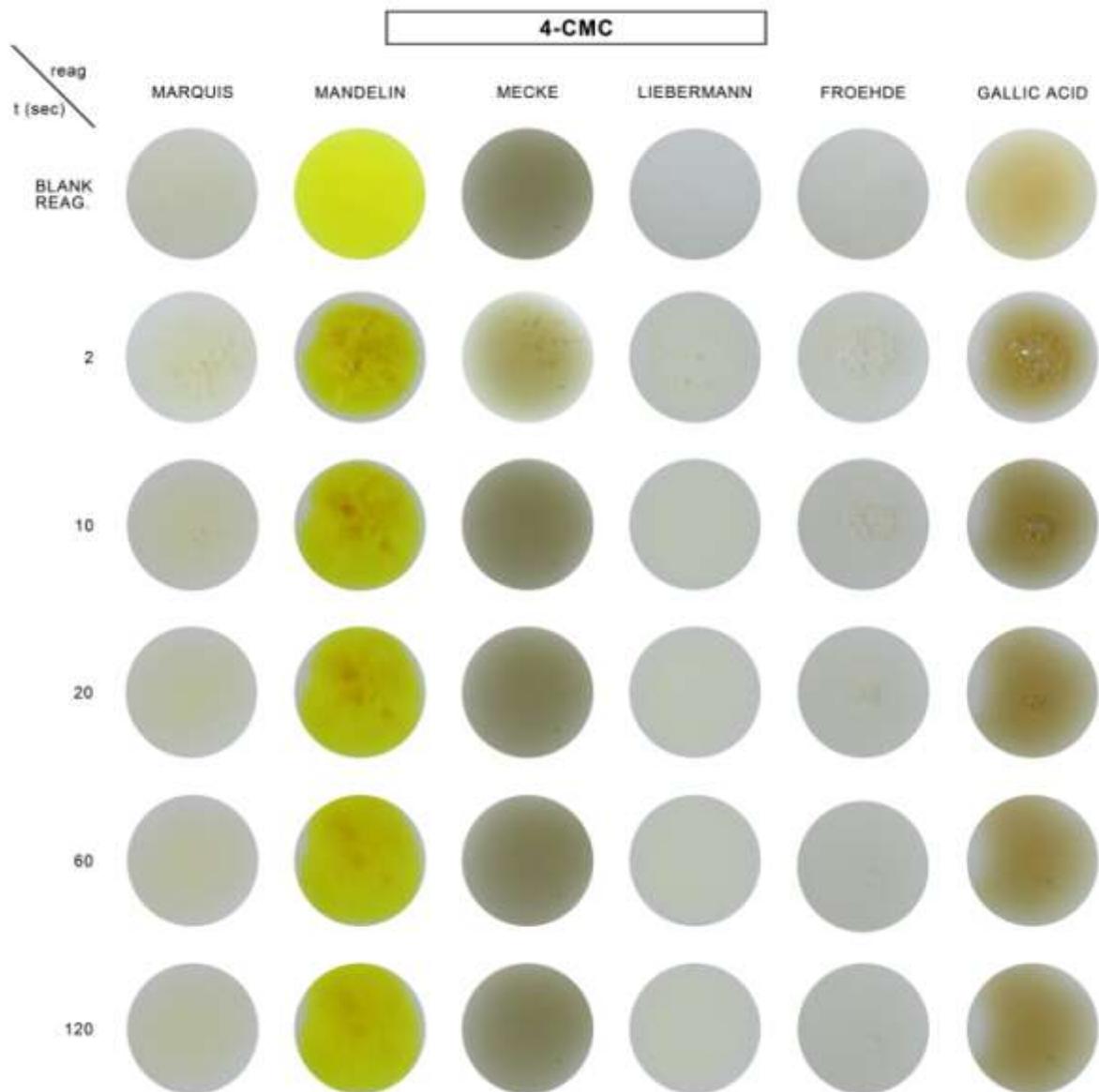
5.48. TH-PBP



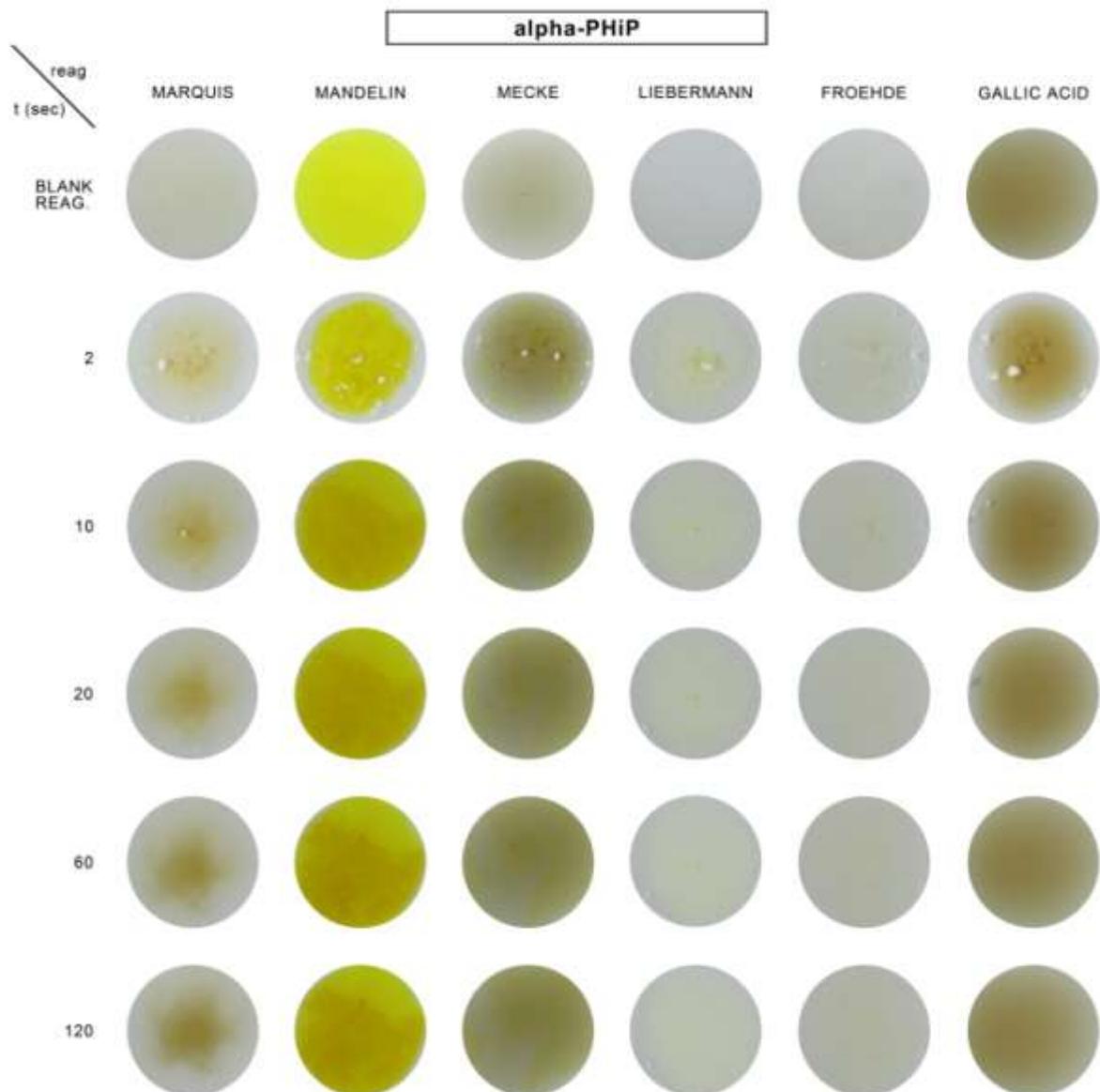
5.49. 4-MEAP



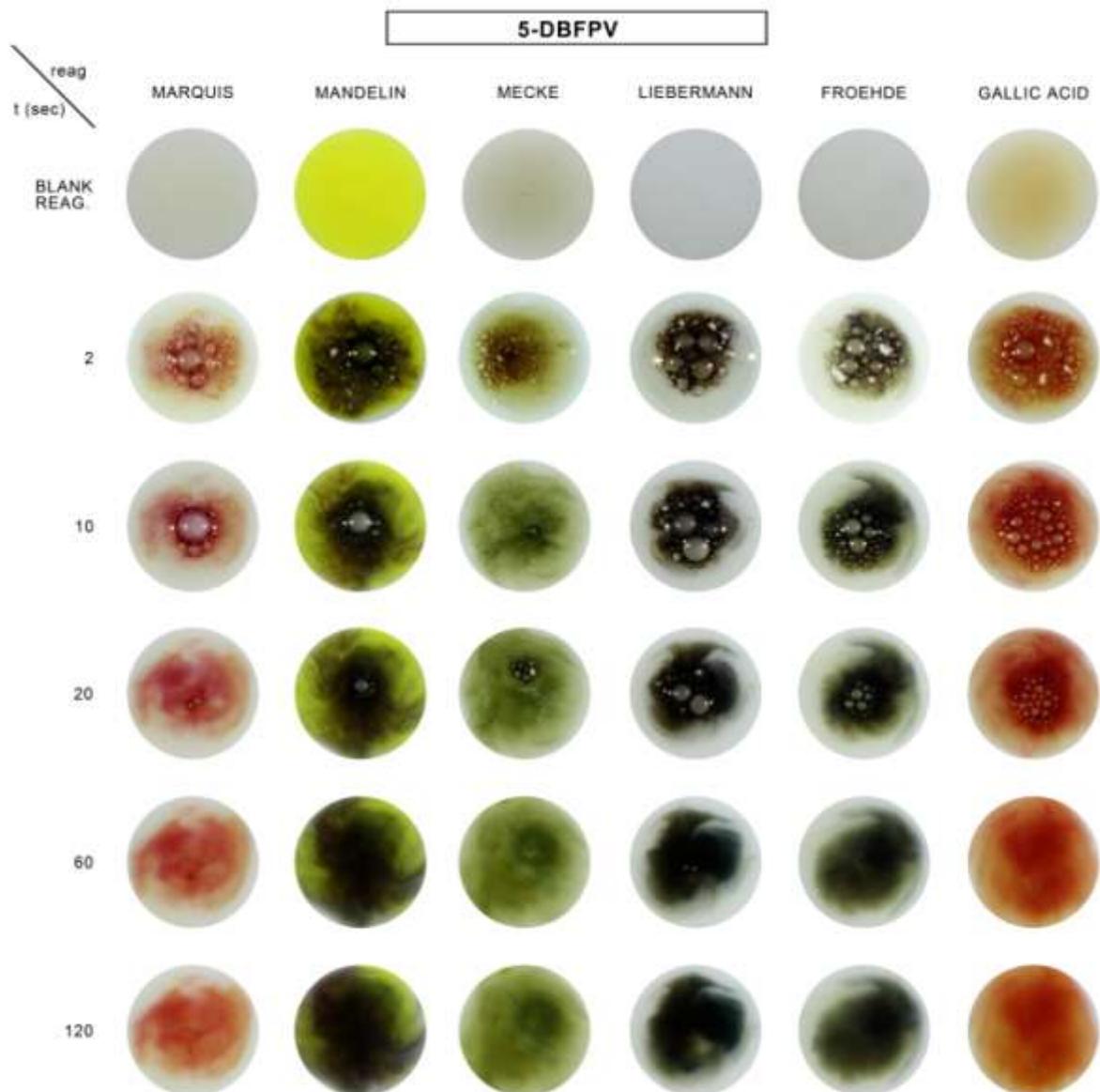
5.50. 4-CMC



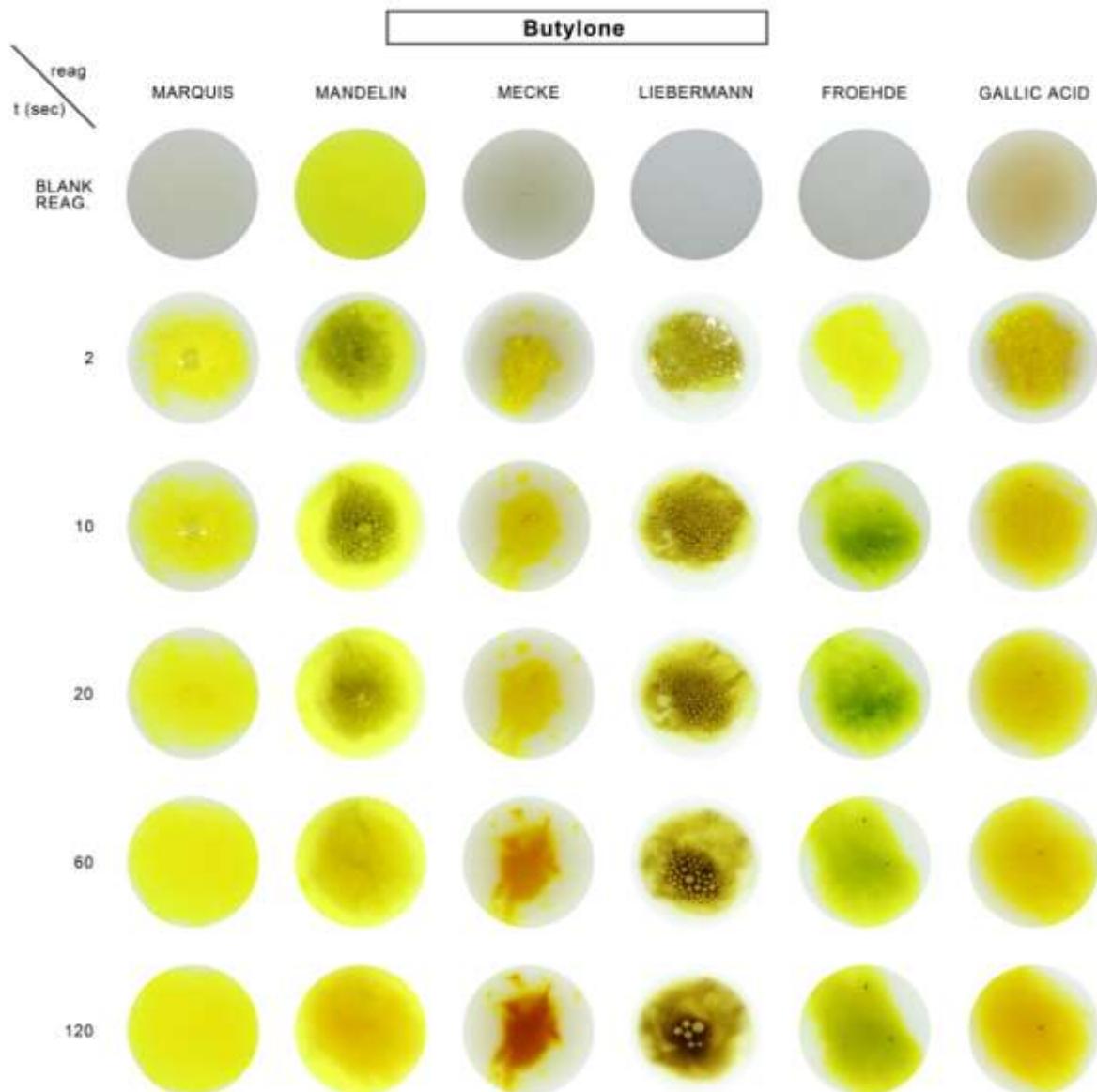
5.51. alpha-PHiP



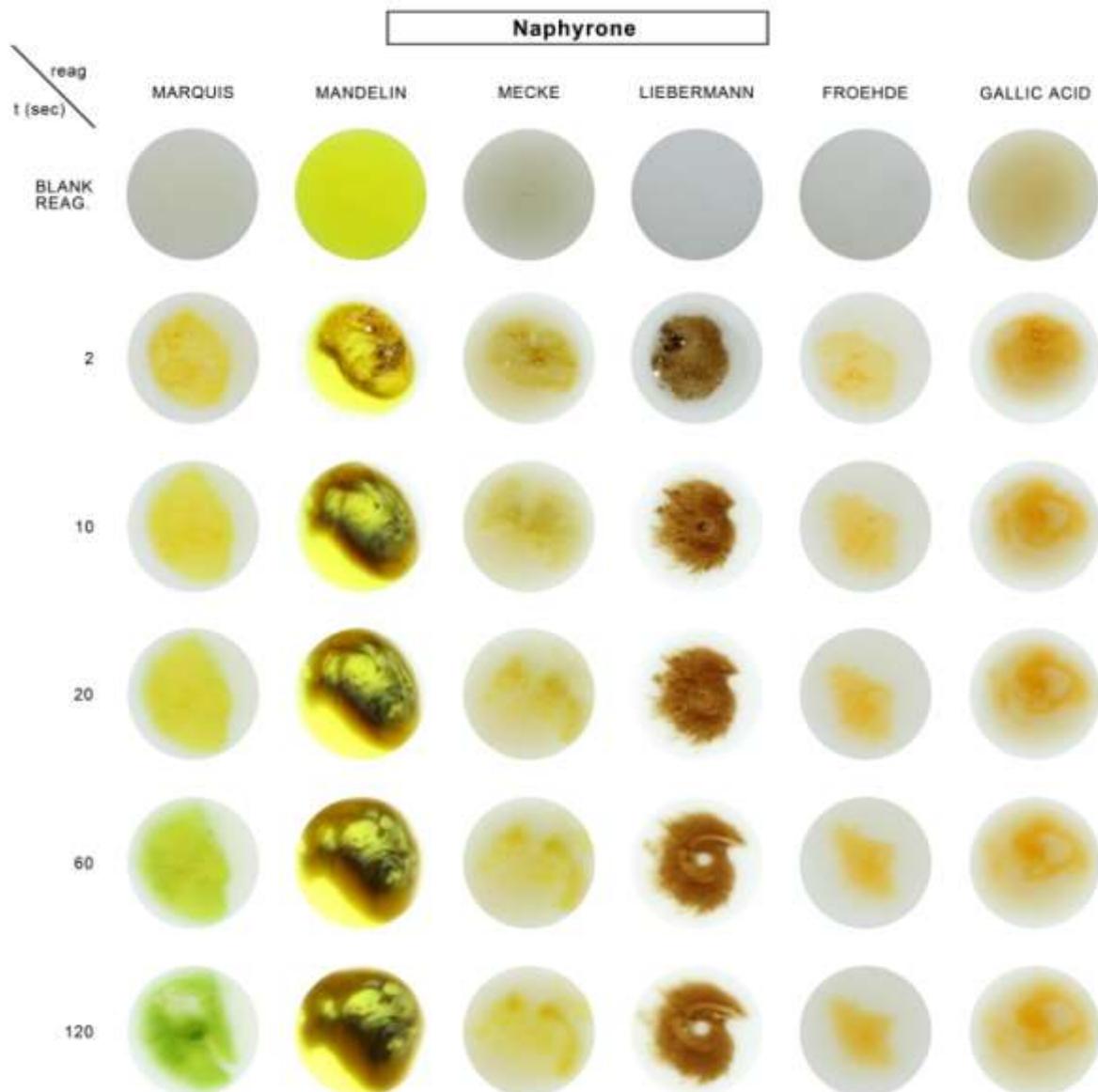
5.52. 5-DBFPV



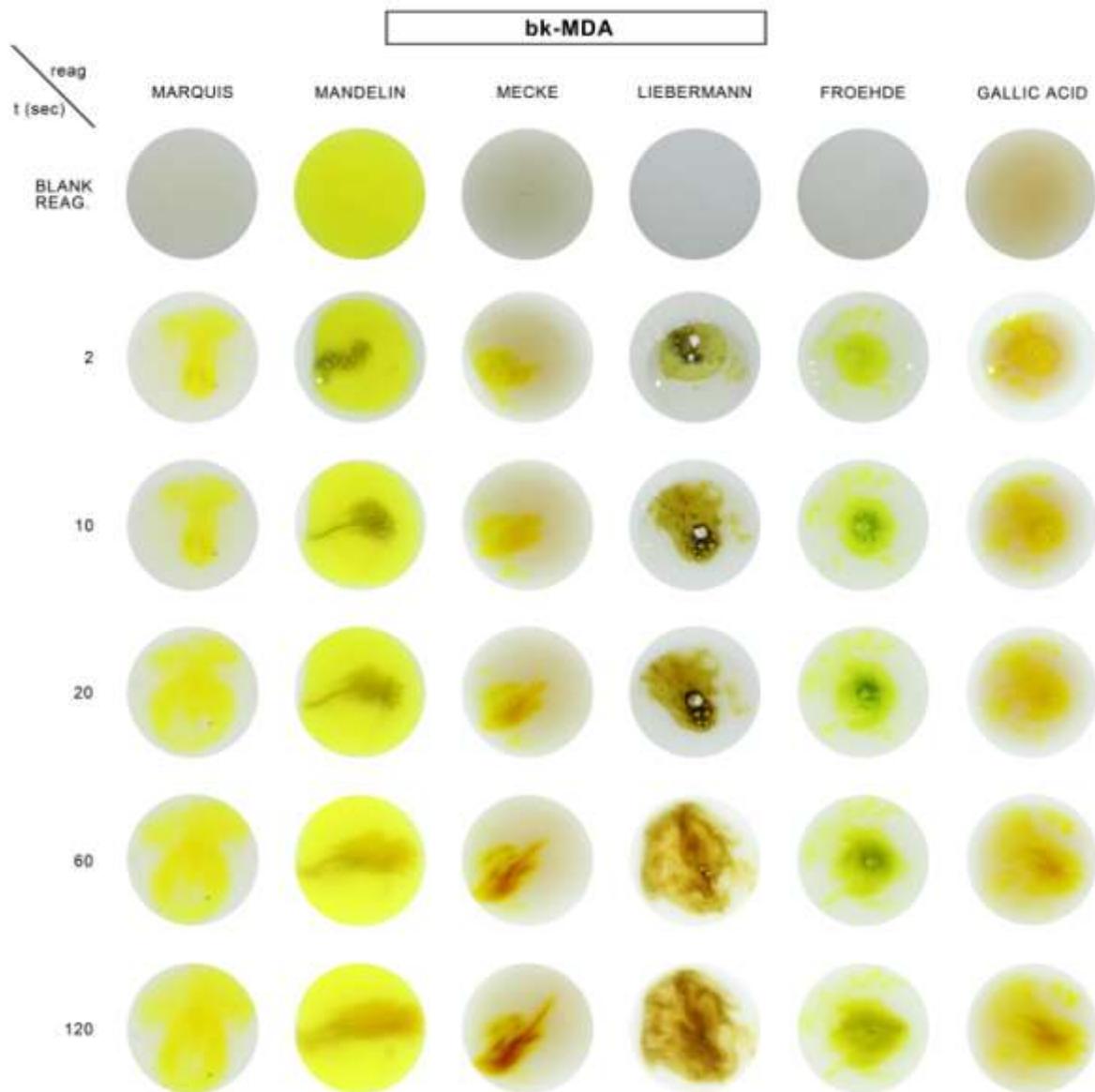
5.53. Butylone



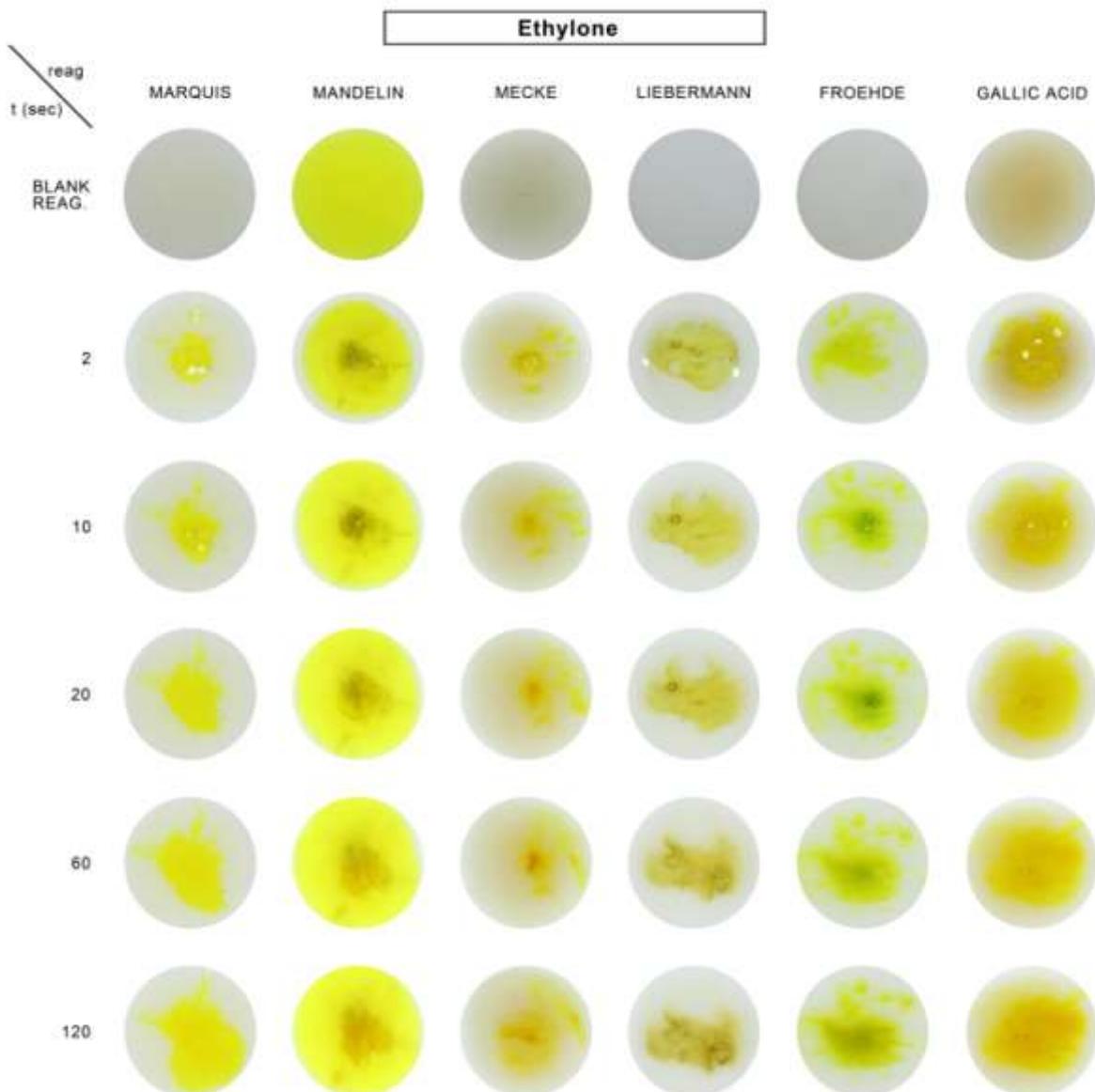
5.54. Naphyrone



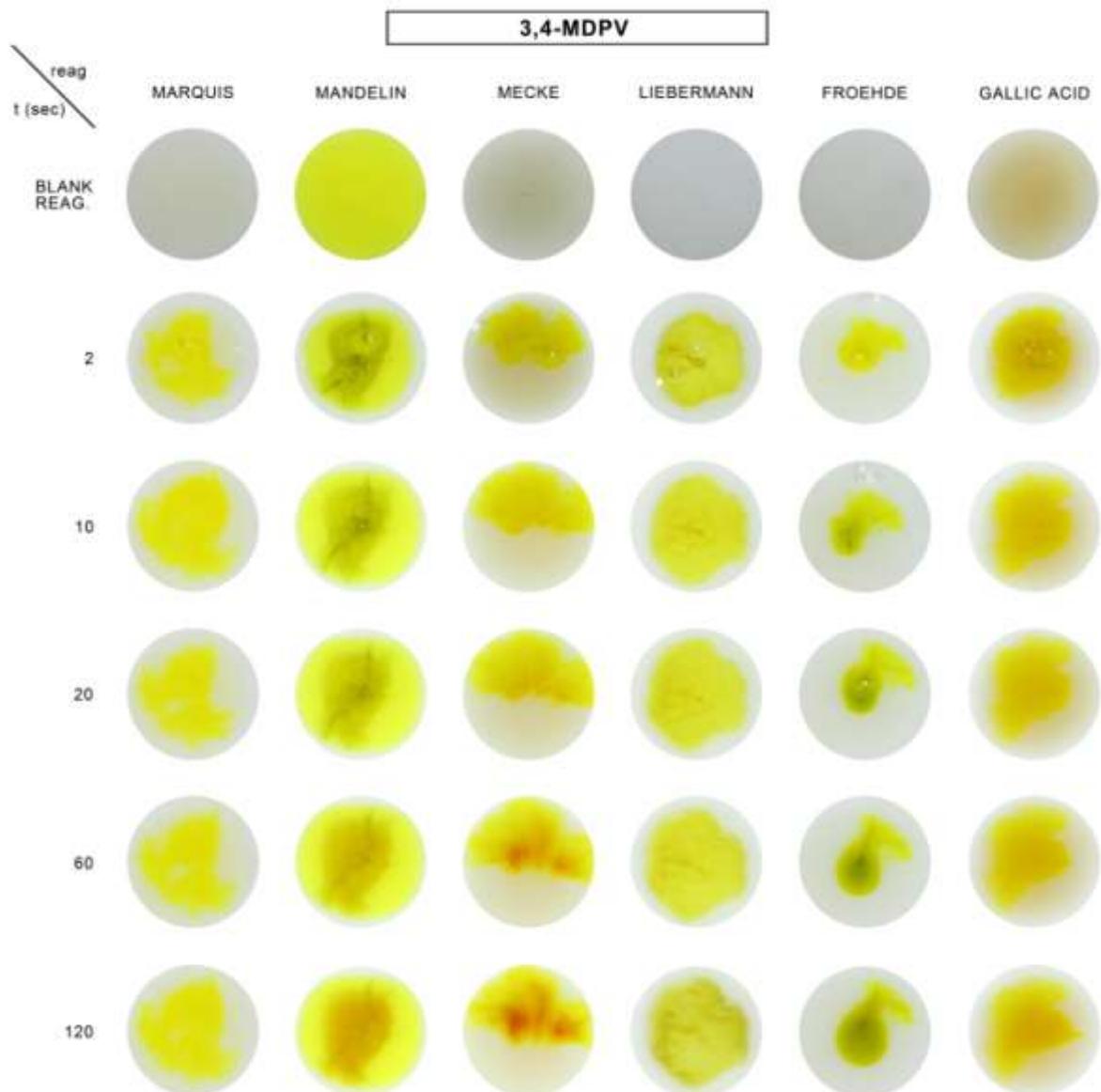
5.55. bk-MDA



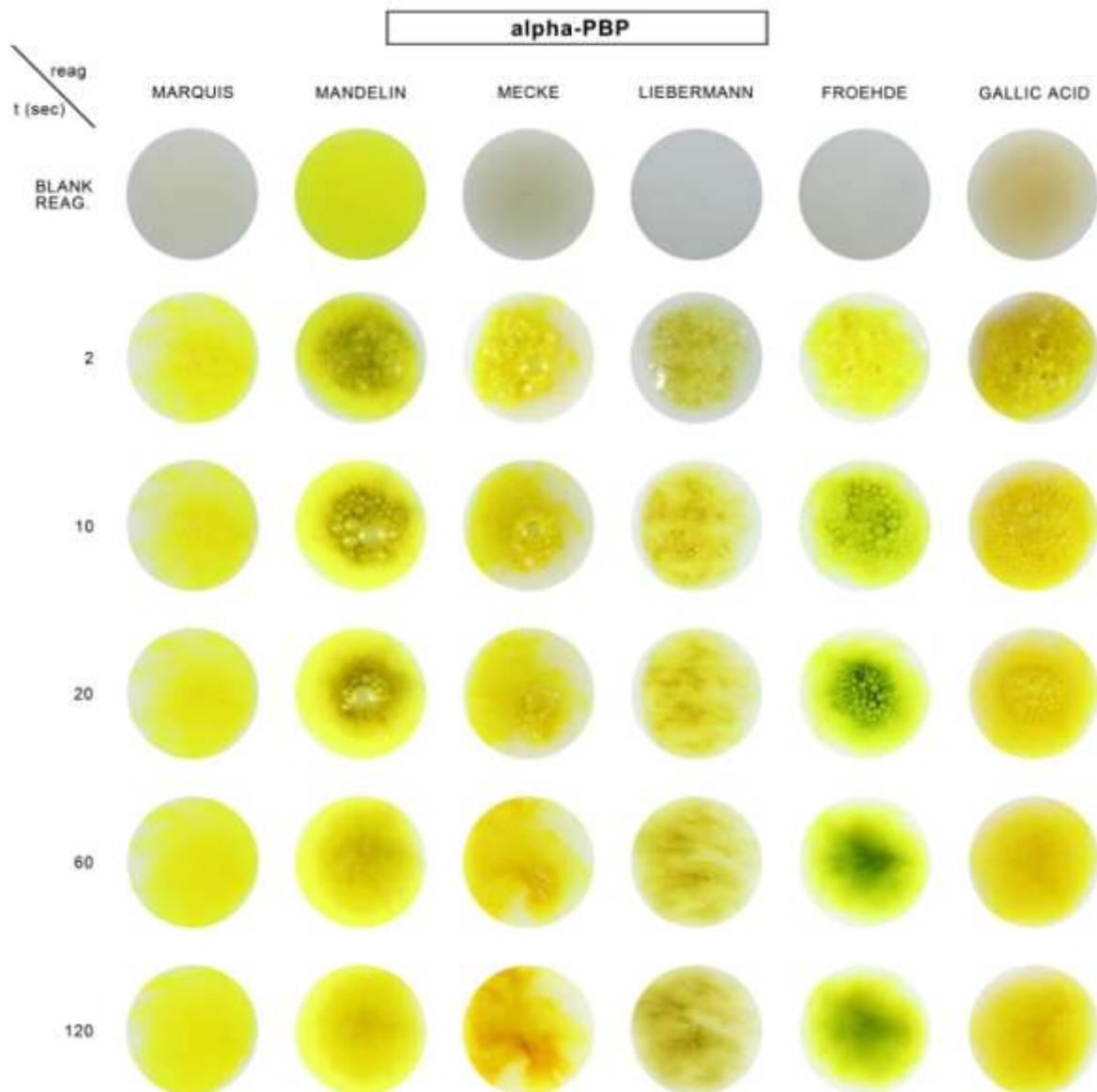
5.56. Ethylone



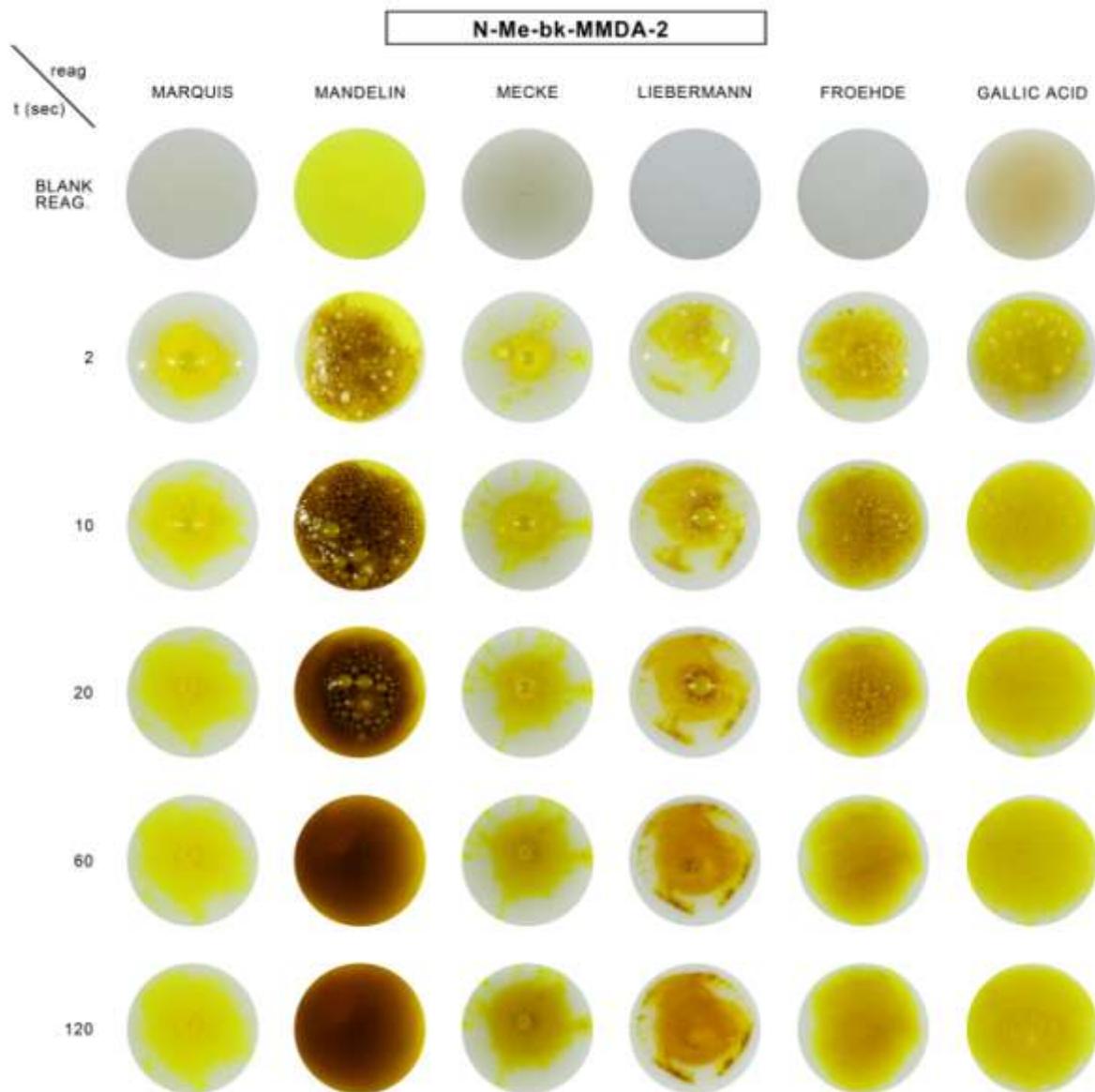
5.57. 3,4-MDPV



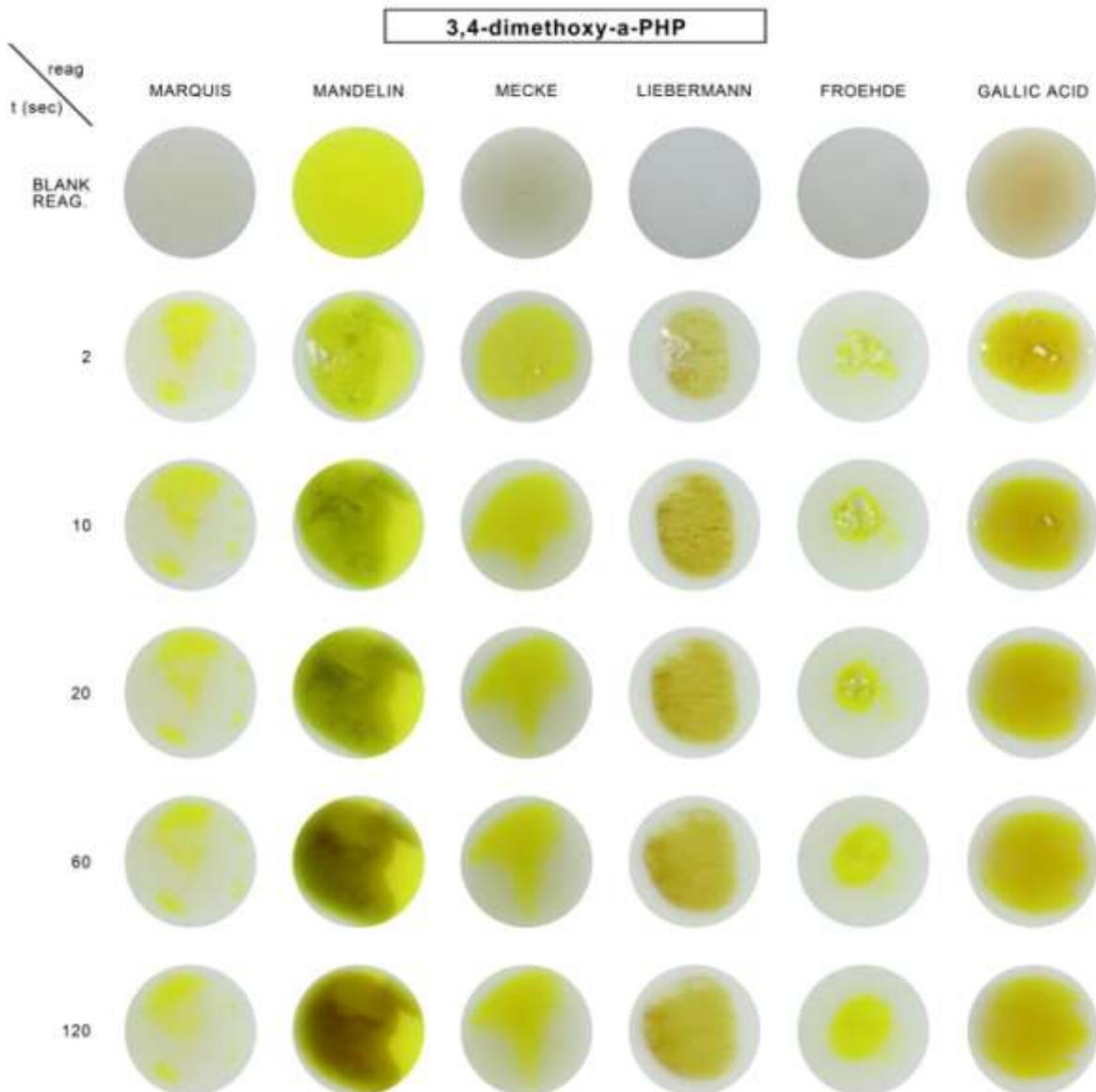
5.58. alpha-PBP



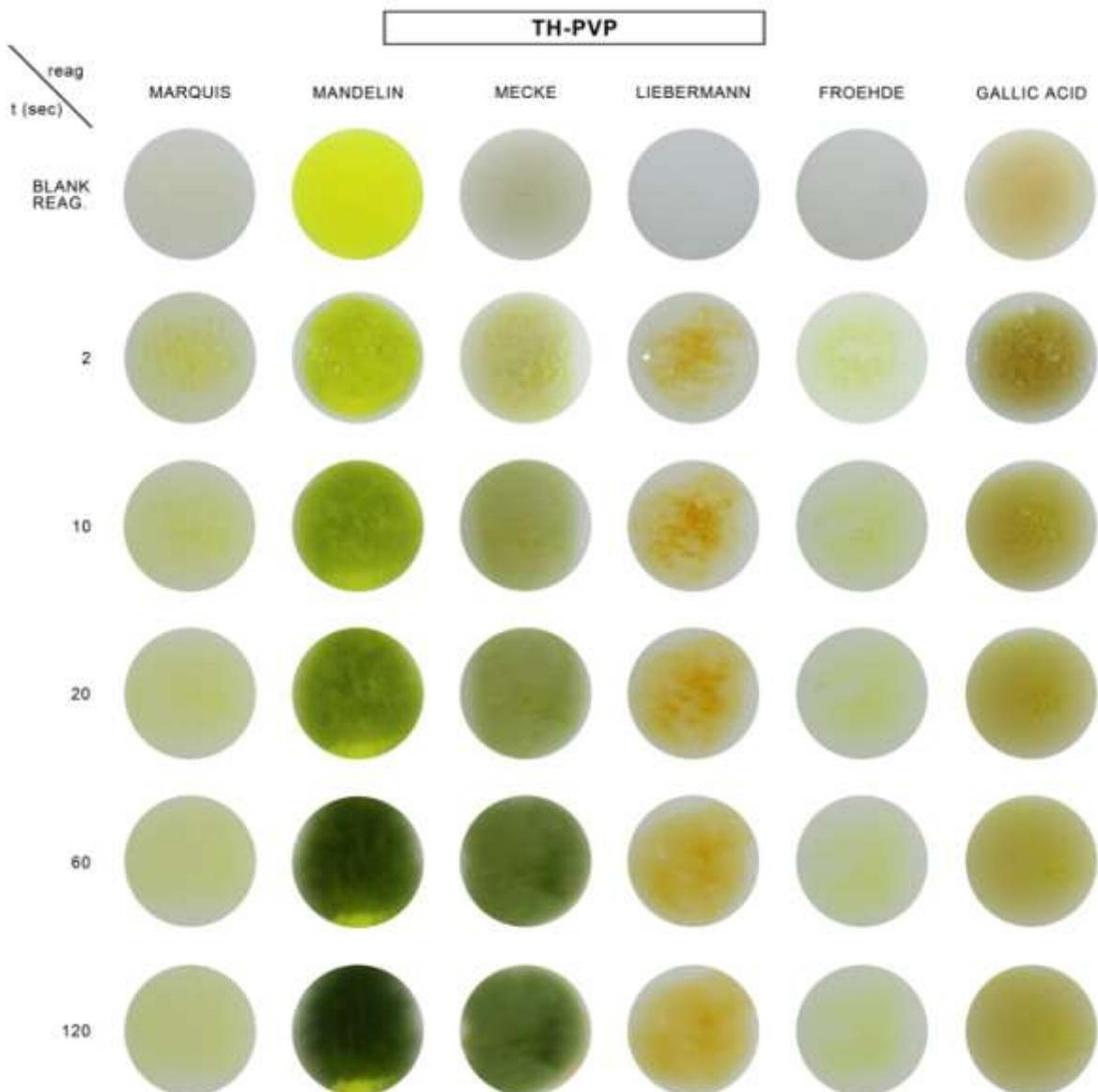
5.59. N-Me-bk-MMDA-2



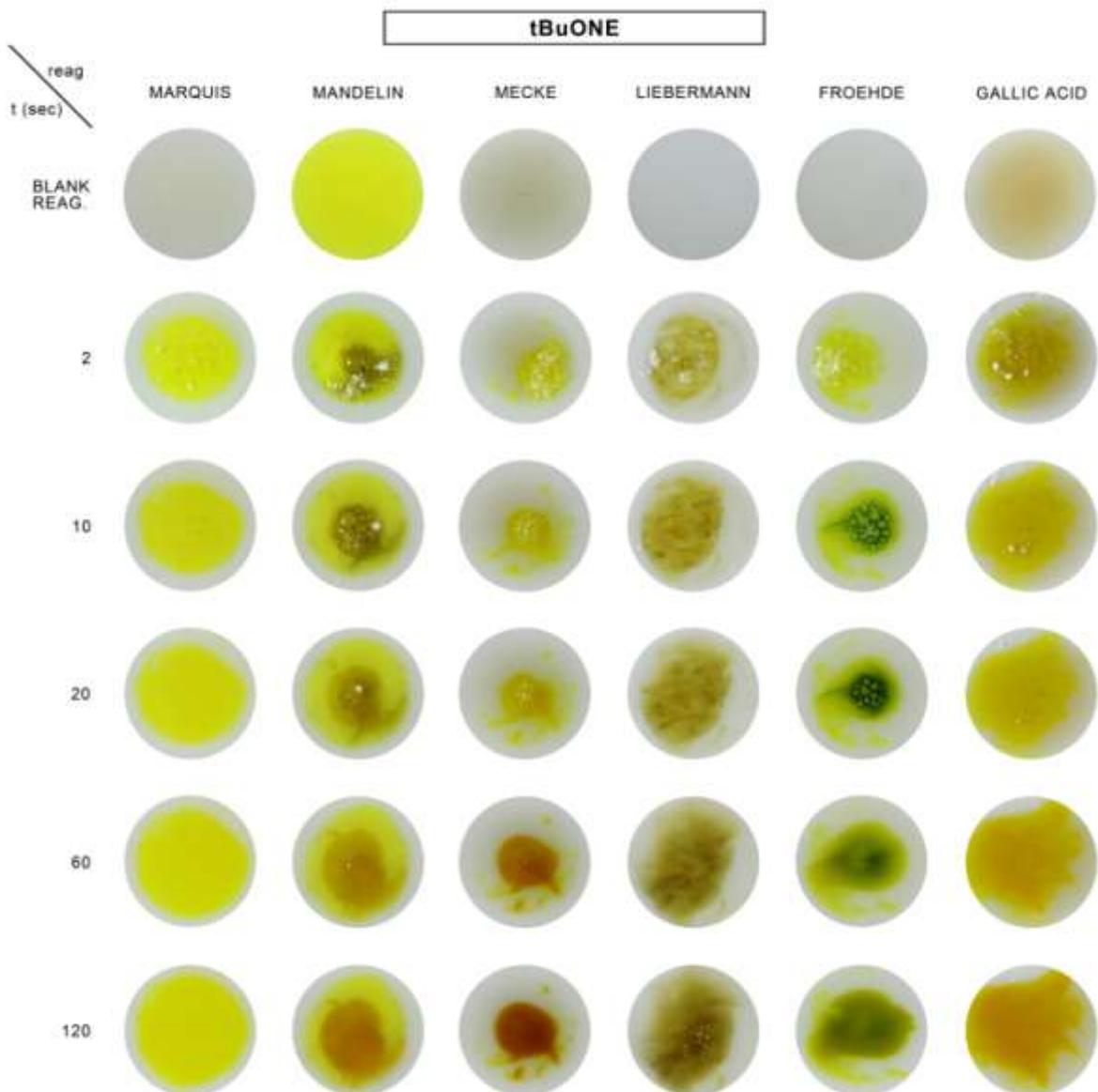
5.60. 3,4-dimethoxy- α -PHP



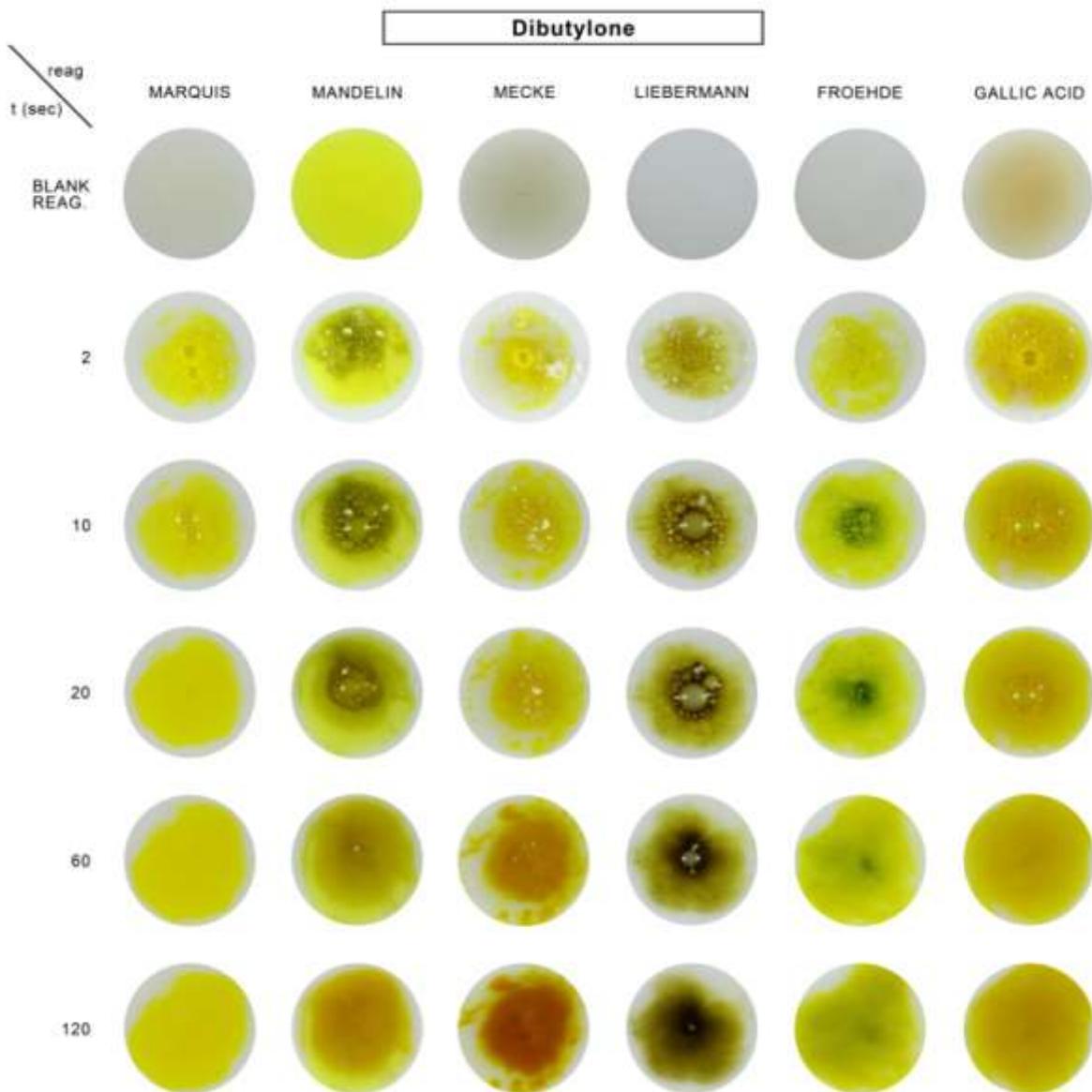
5.61. TH-PVP



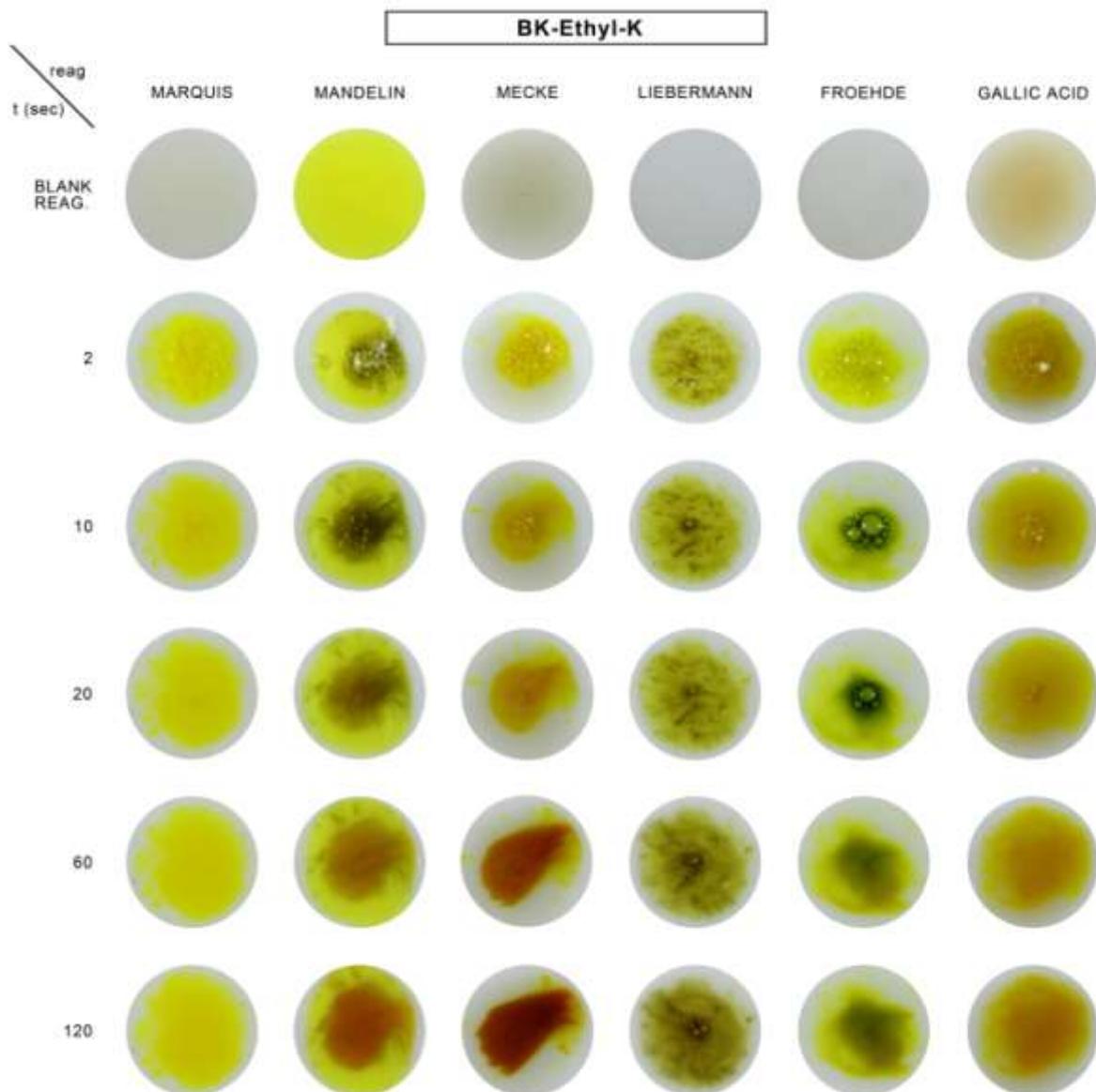
5.62. tBuONE



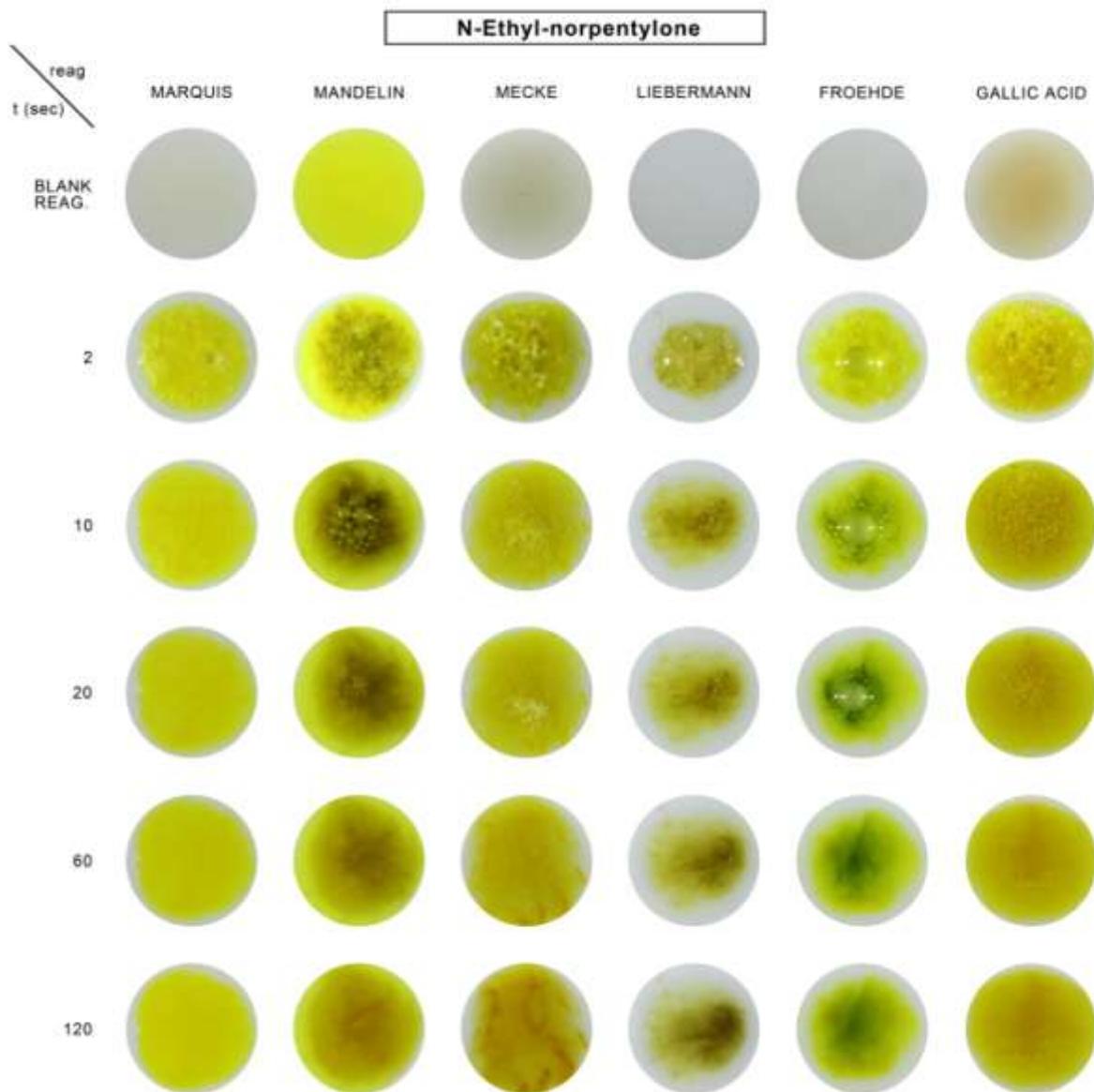
5.63. Dibutylone



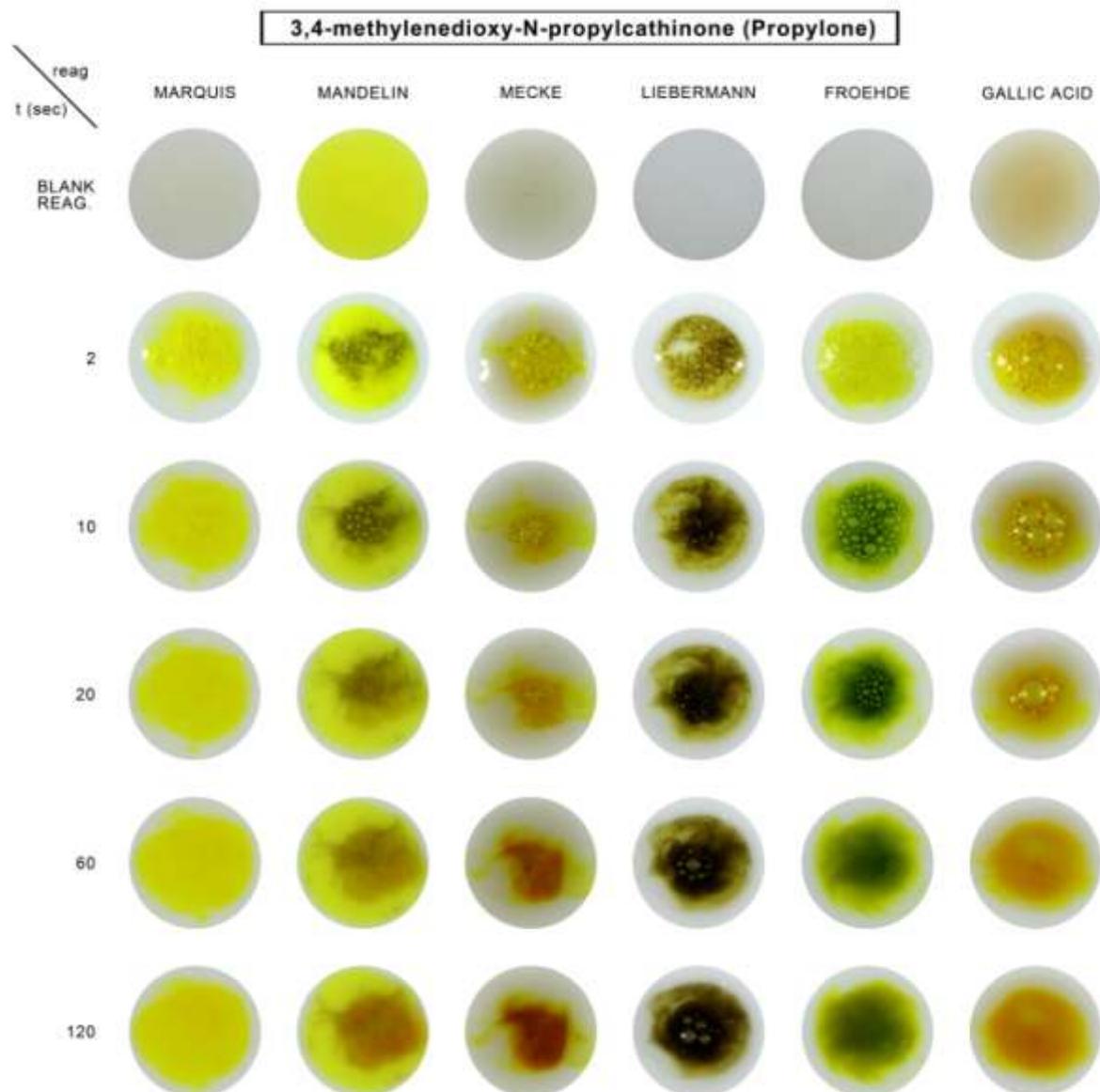
5.64. BK-Ethyl-K



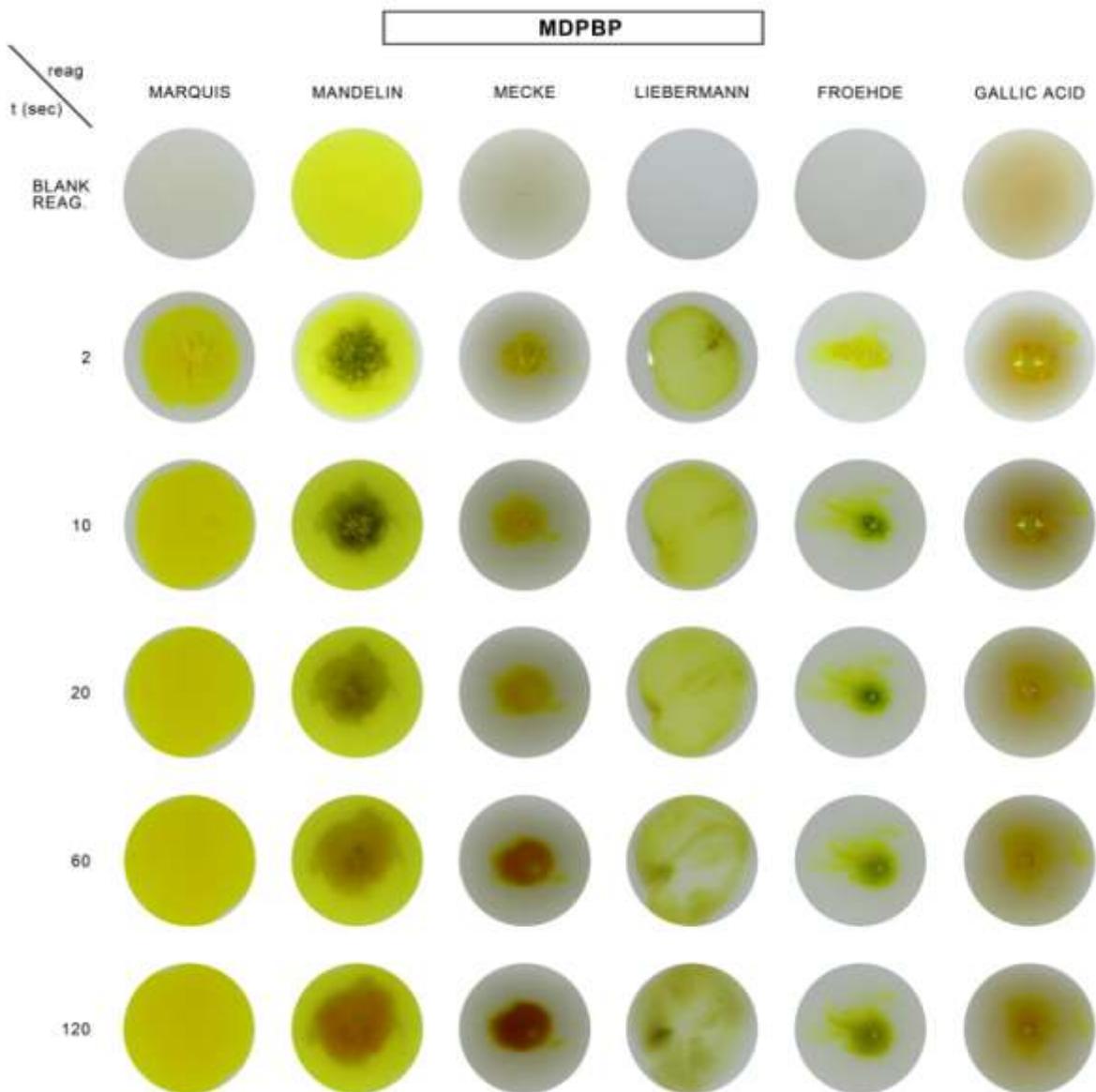
5.65. N-Ethyl-norpentylone



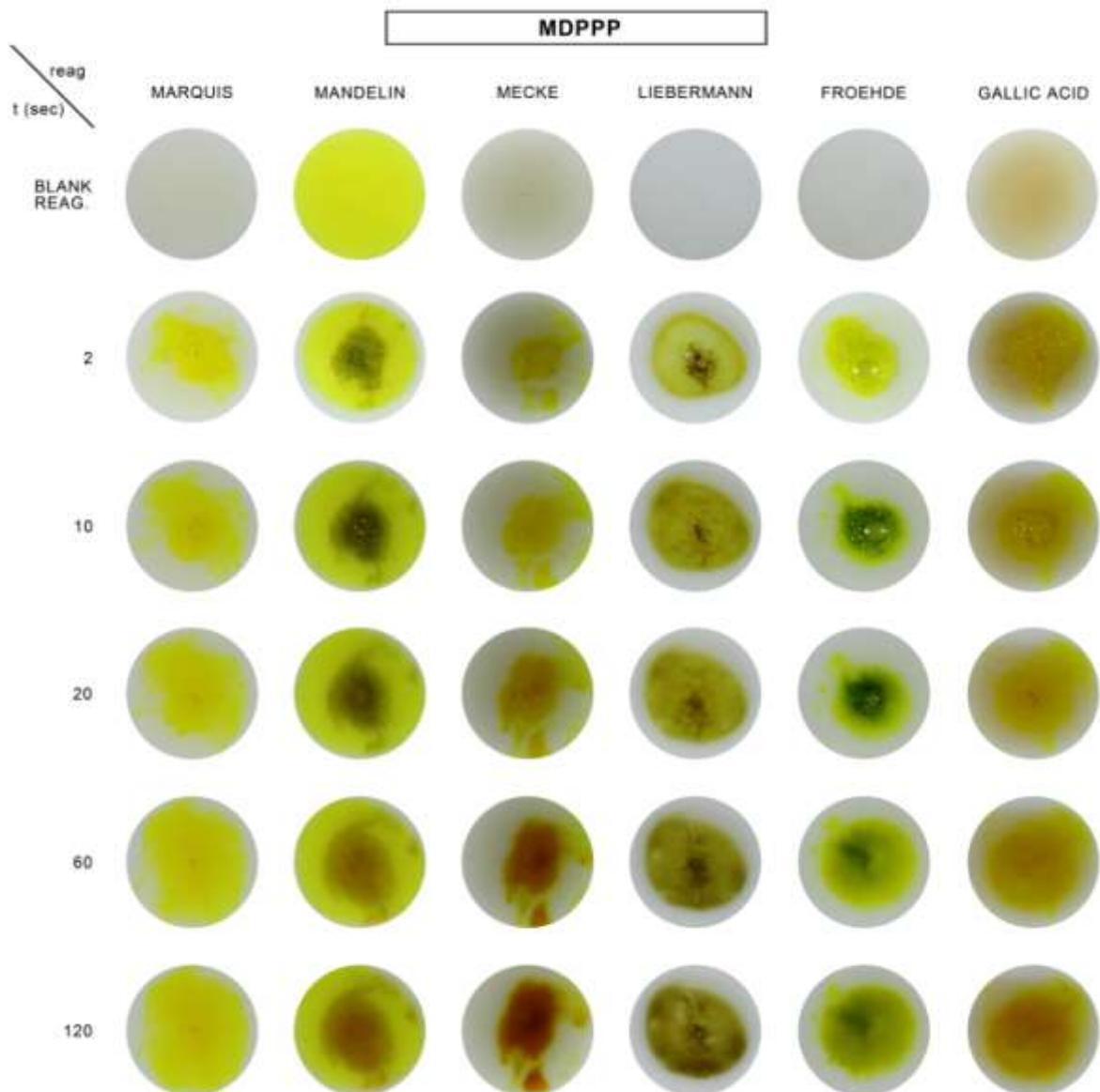
5.66. 3,4-methylenedioxy-N-propylcathinone (Propylone)



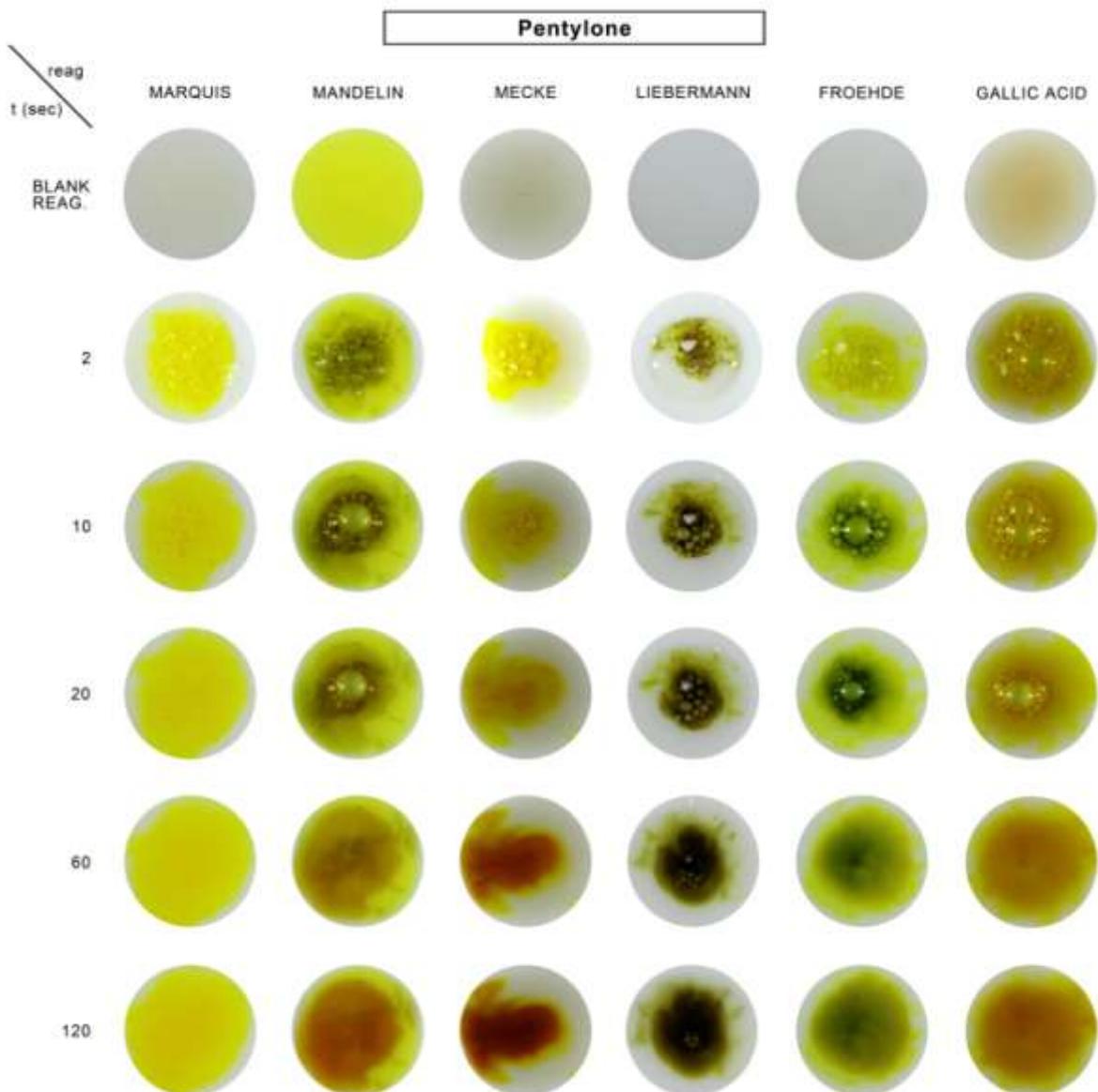
5.67. MDPBP



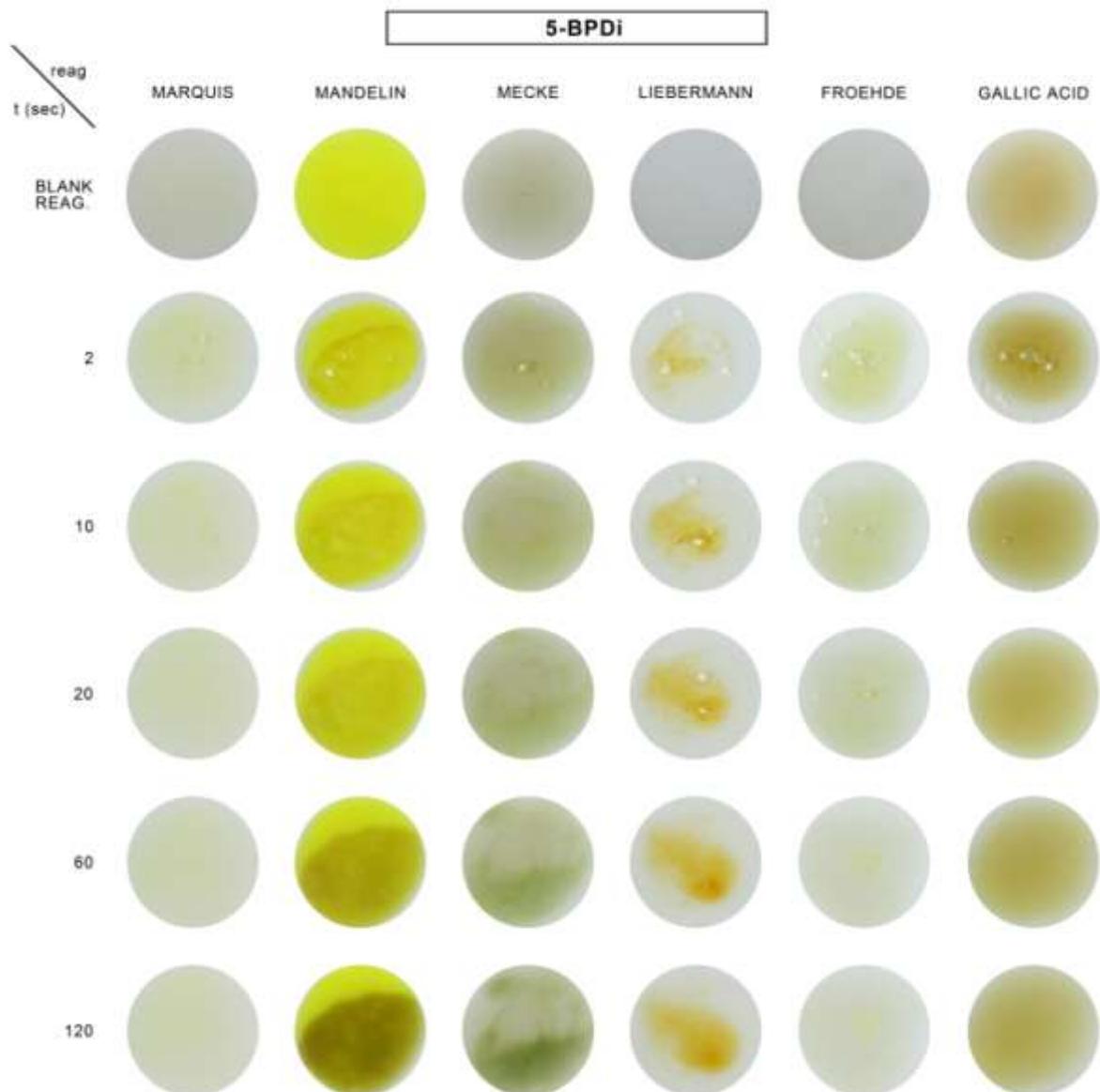
5.68. MDPPP



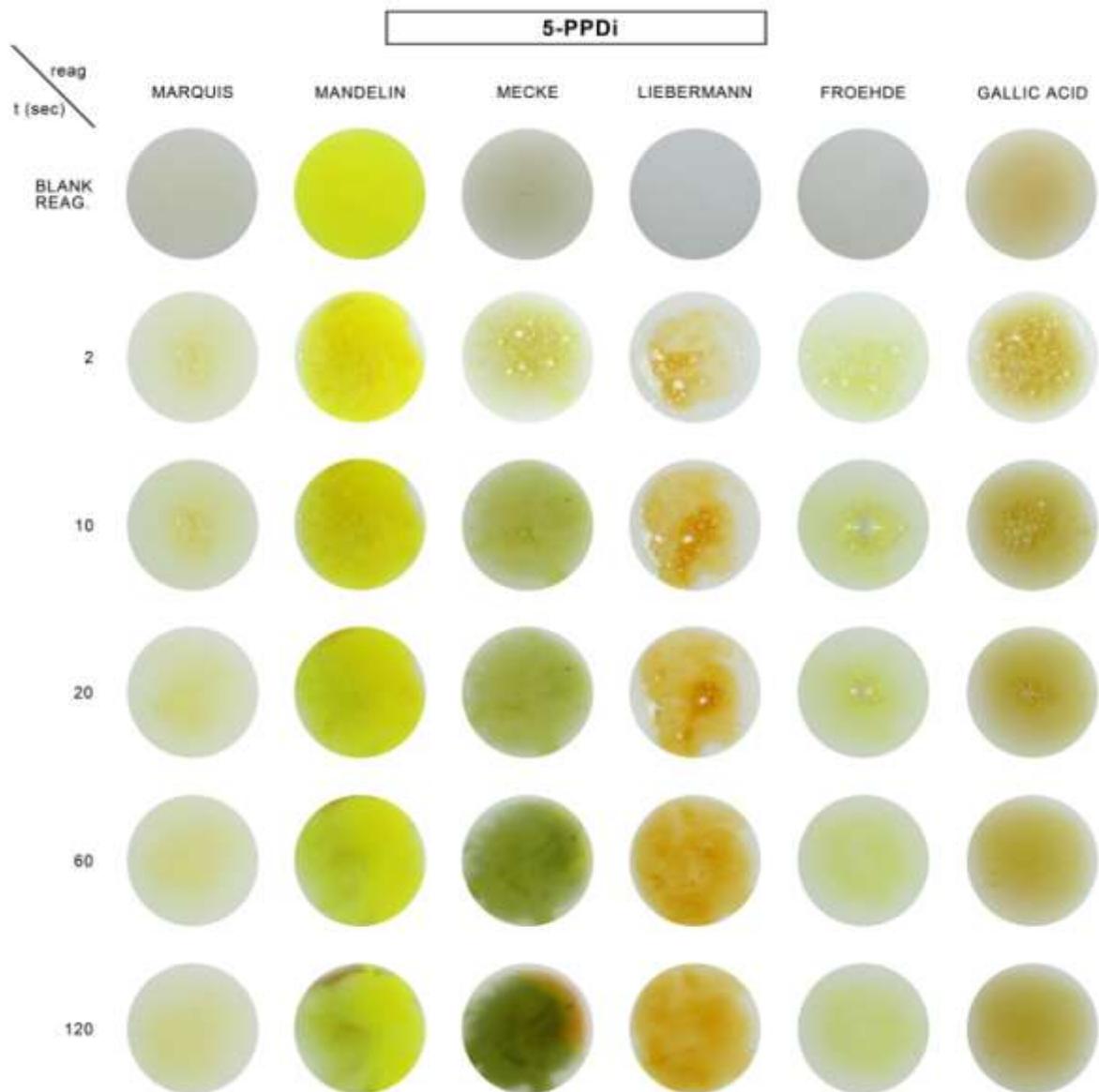
5.69. Pentyrlone



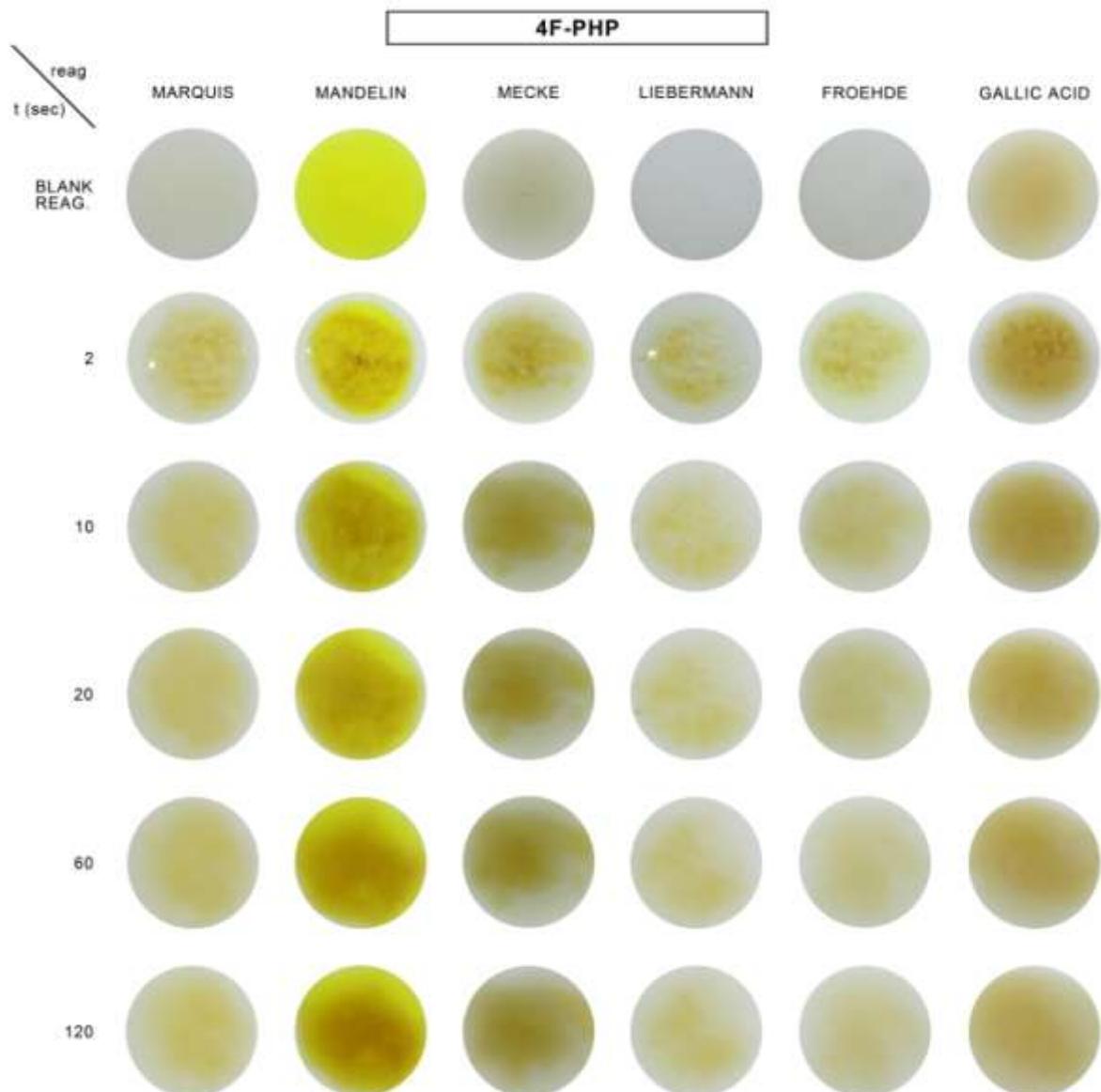
5.70. 5-BPDi



5.71. 5-PPDi

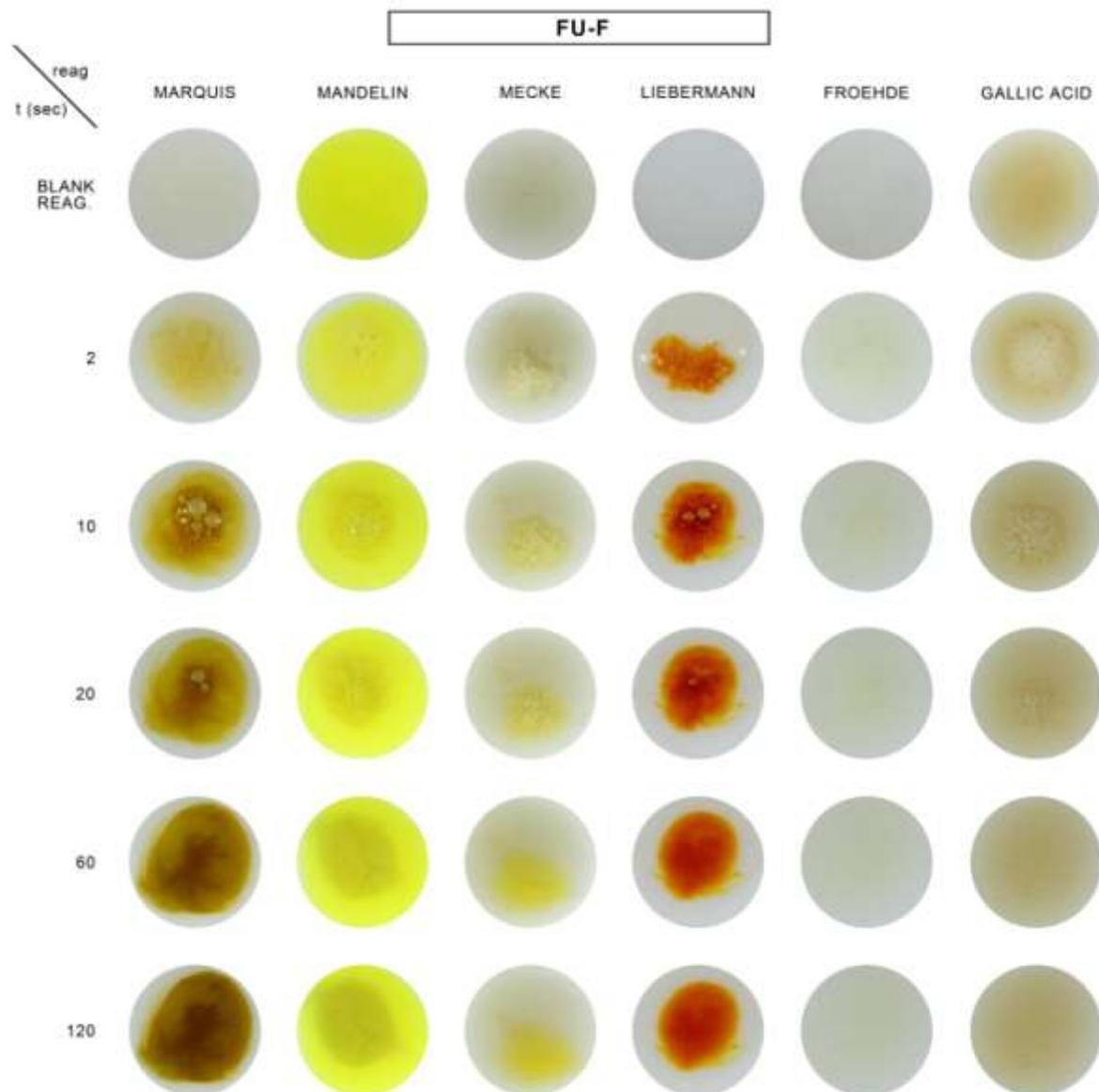


5.72. 4F-PHP

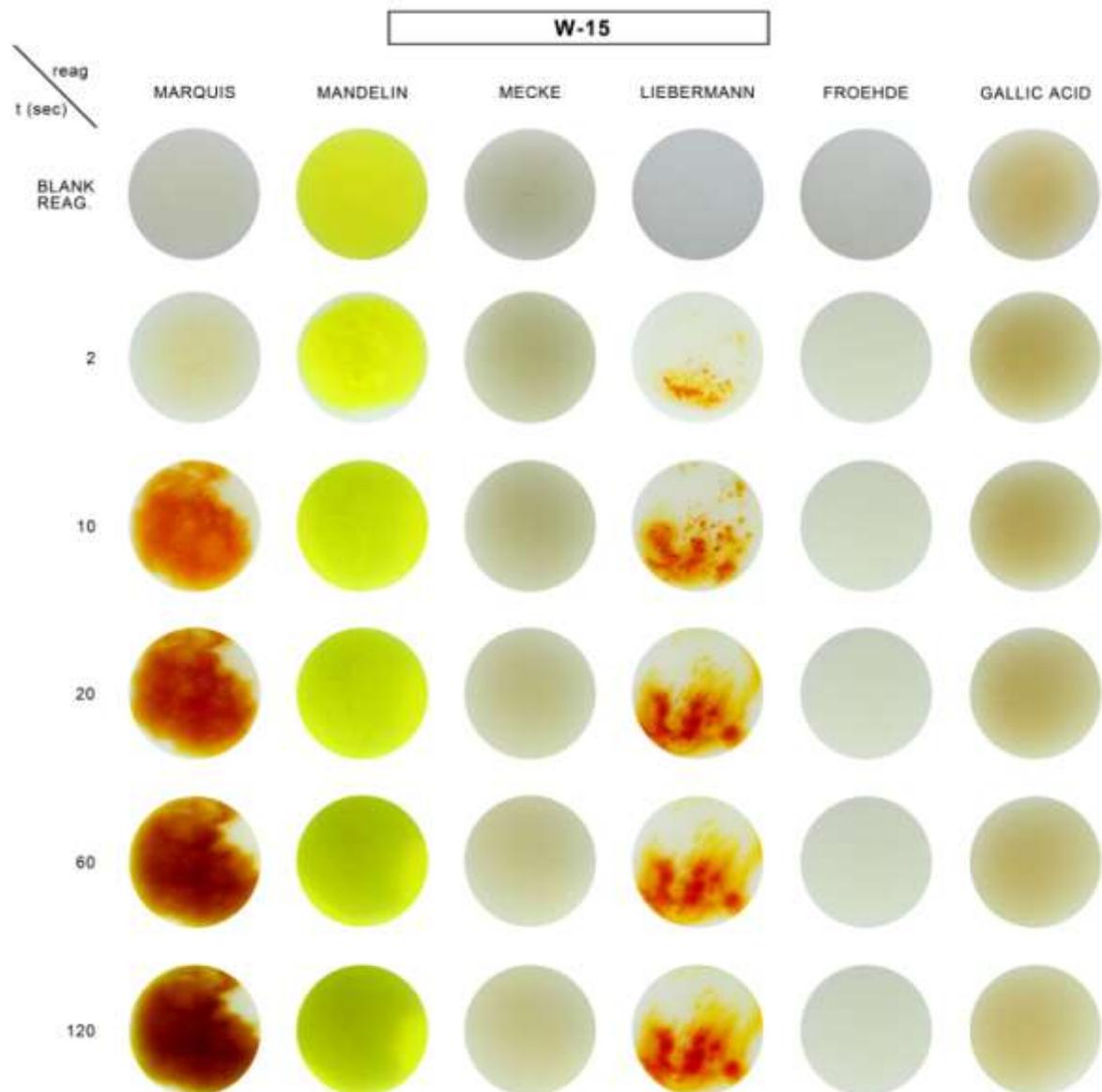


6. Opioidi

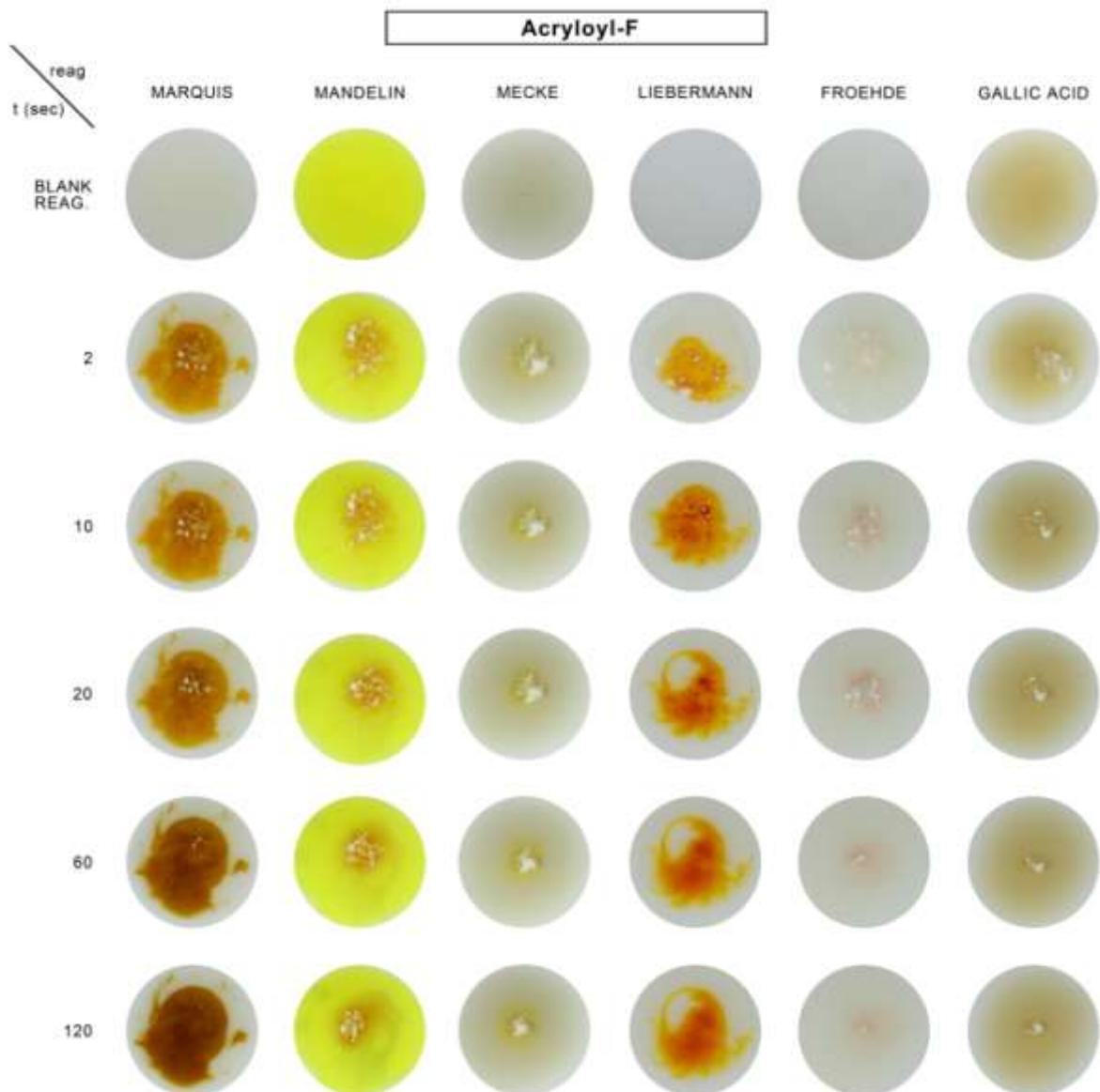
6.1. FU-F



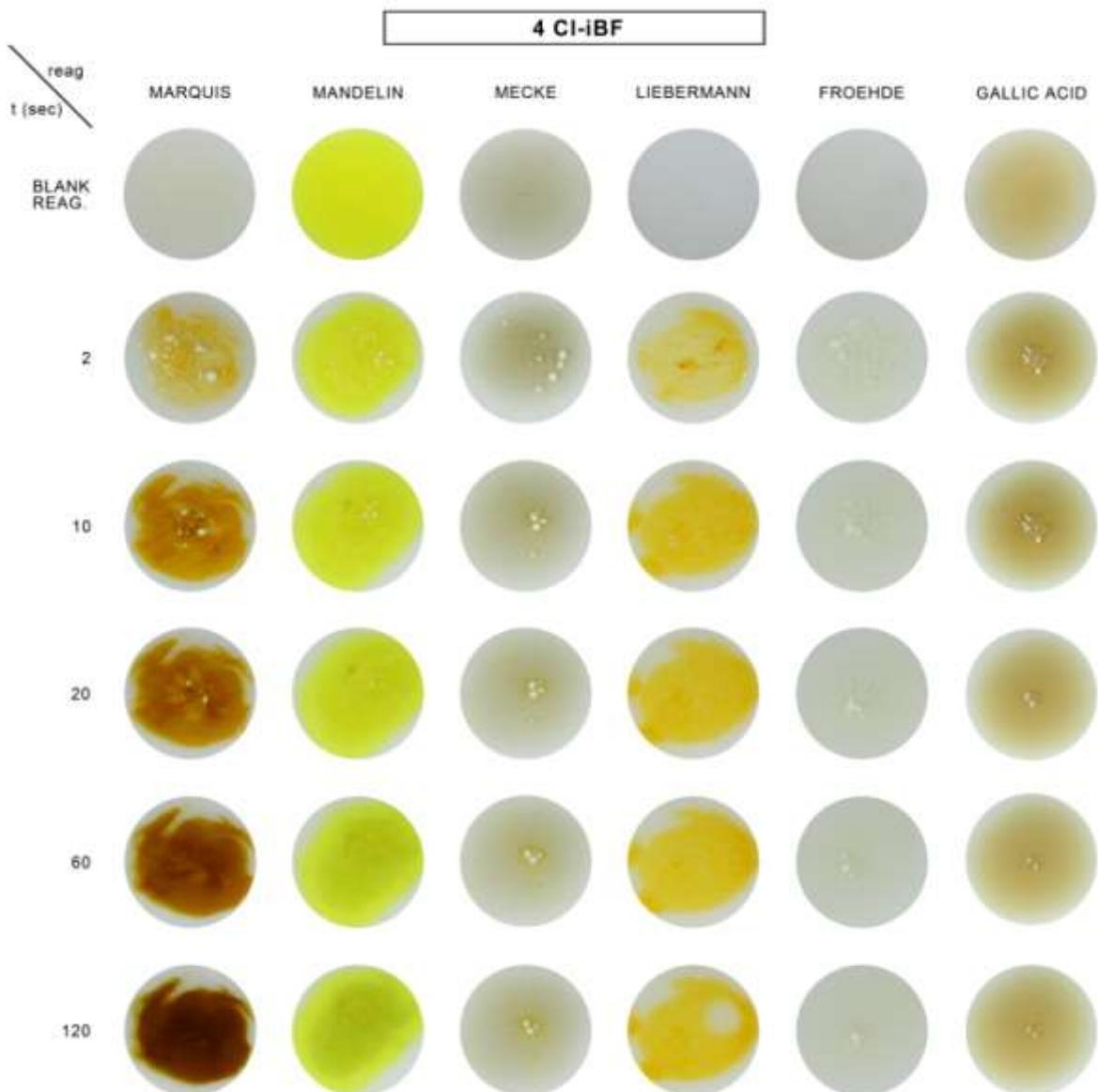
6.2. W-15



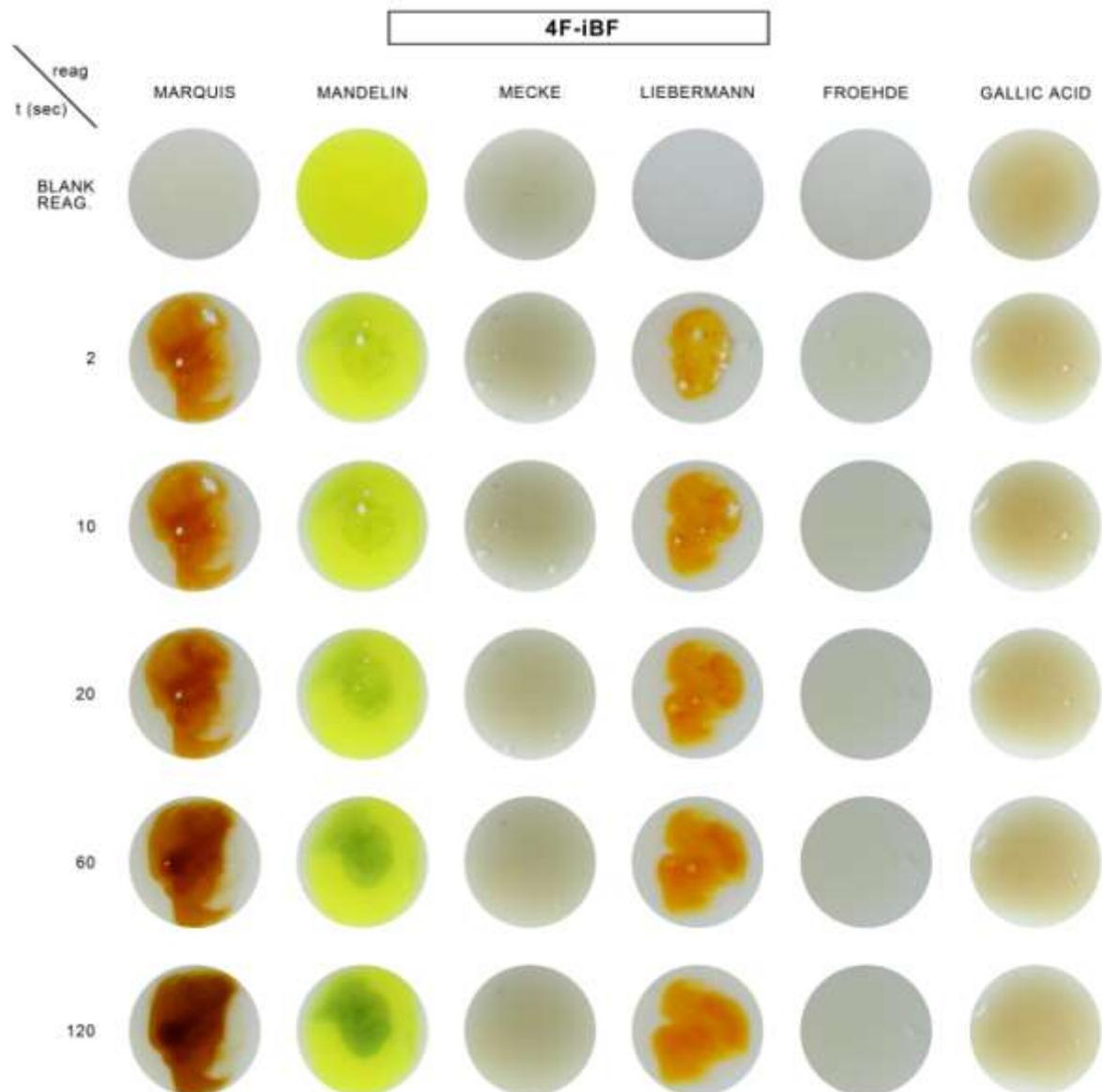
6.3. Acryloyl-F



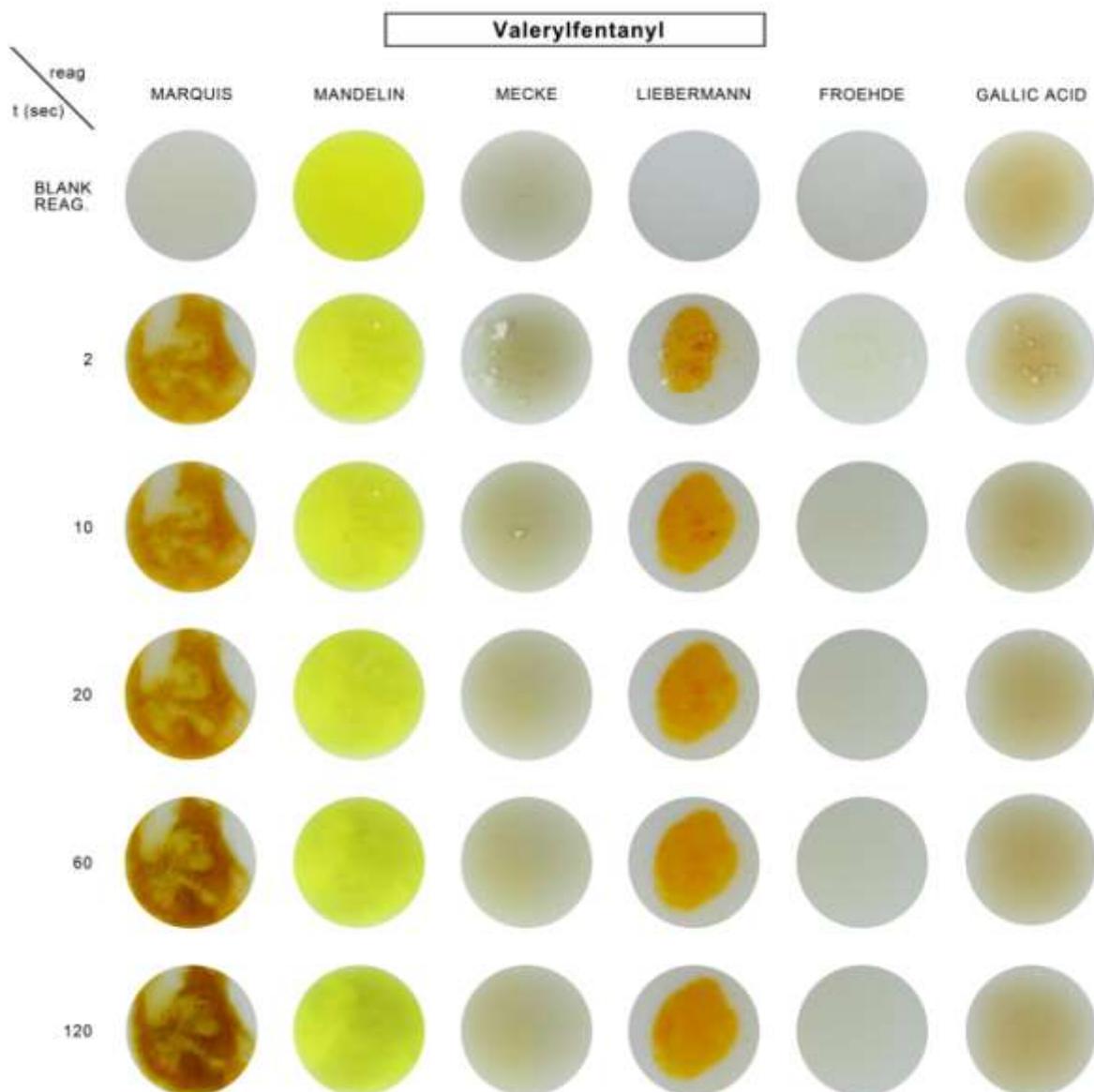
6.4. 4Cl-iBF



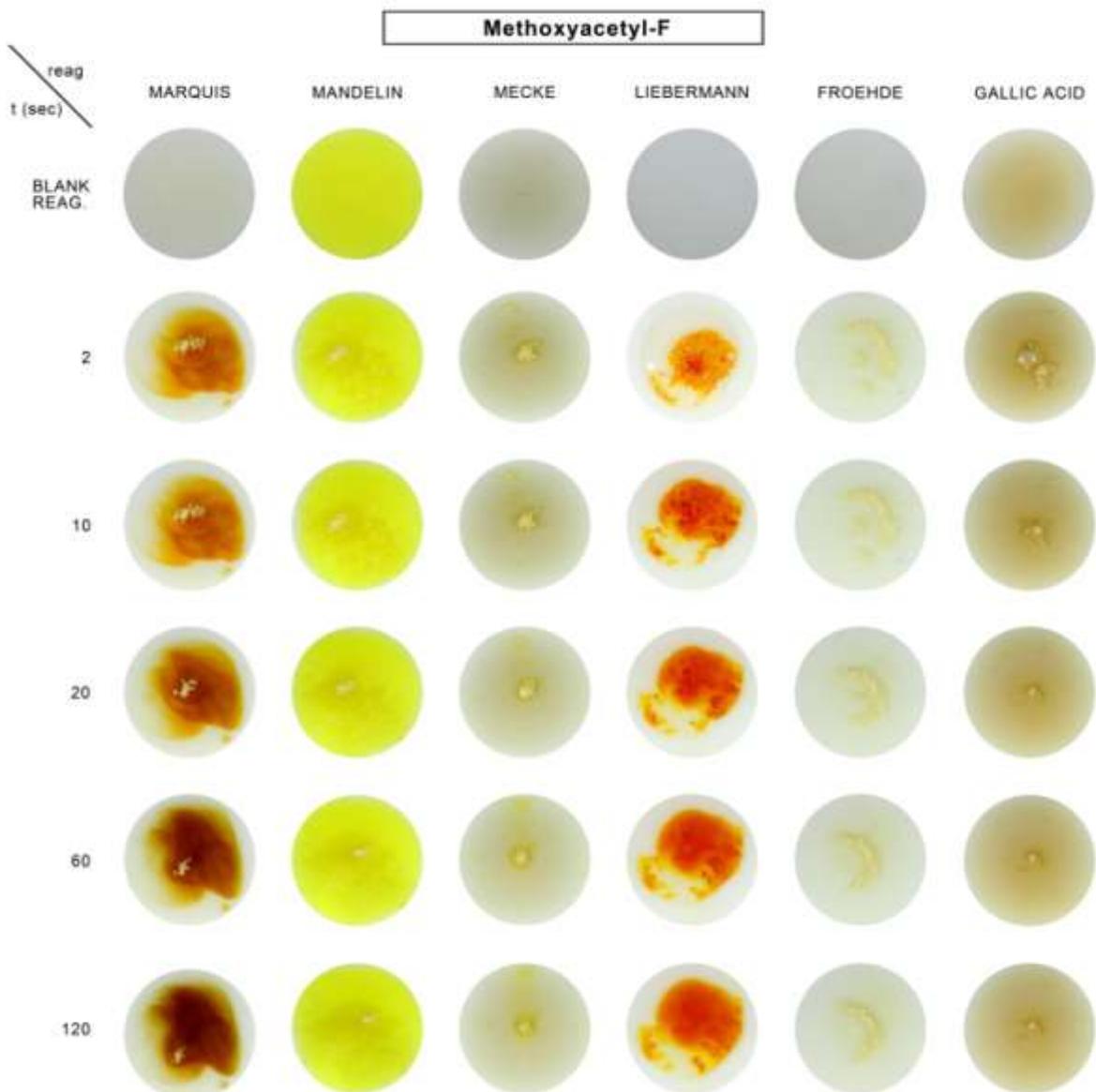
6.5. 4F-iBF



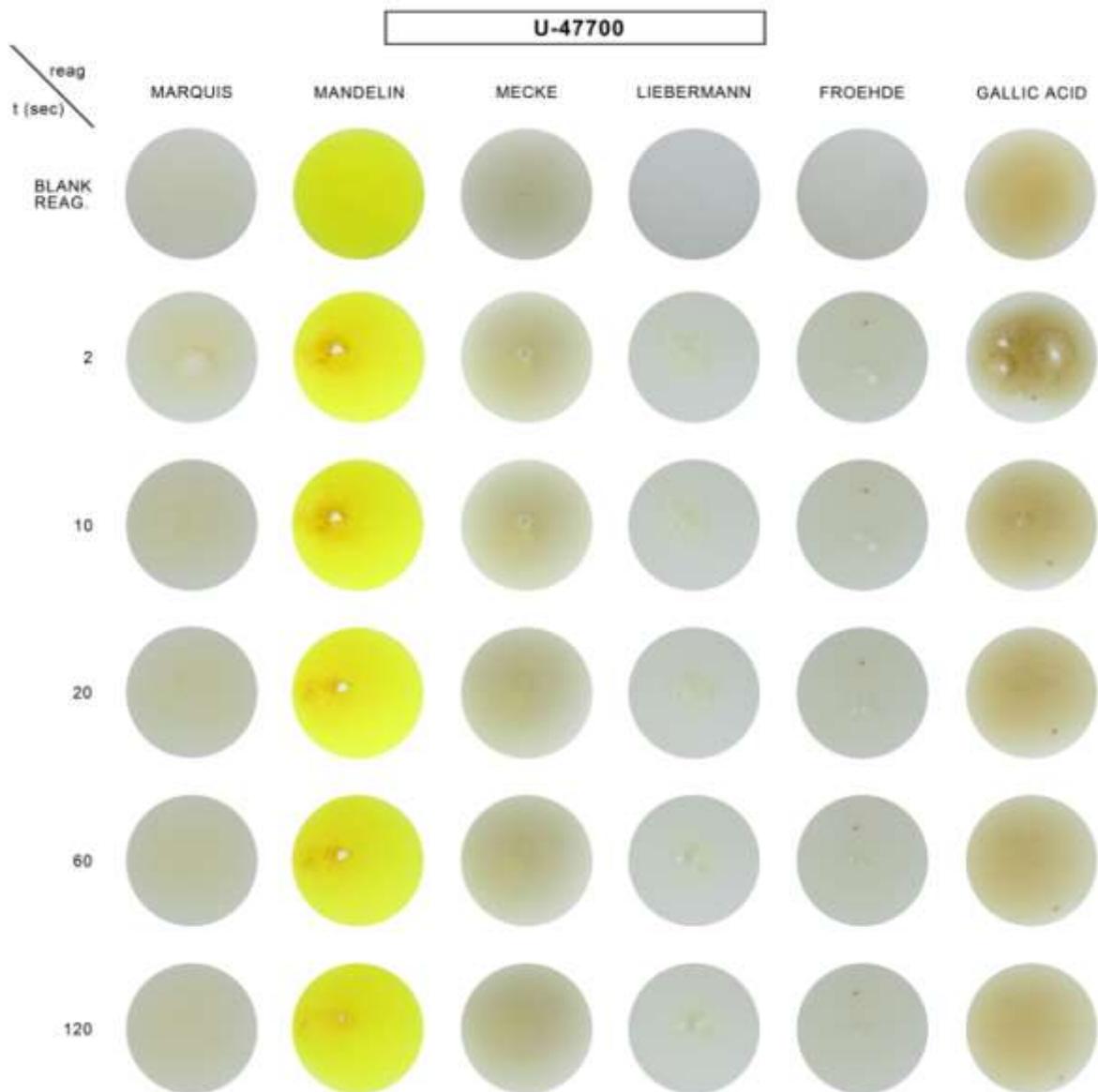
6.6. Valerylentanyl



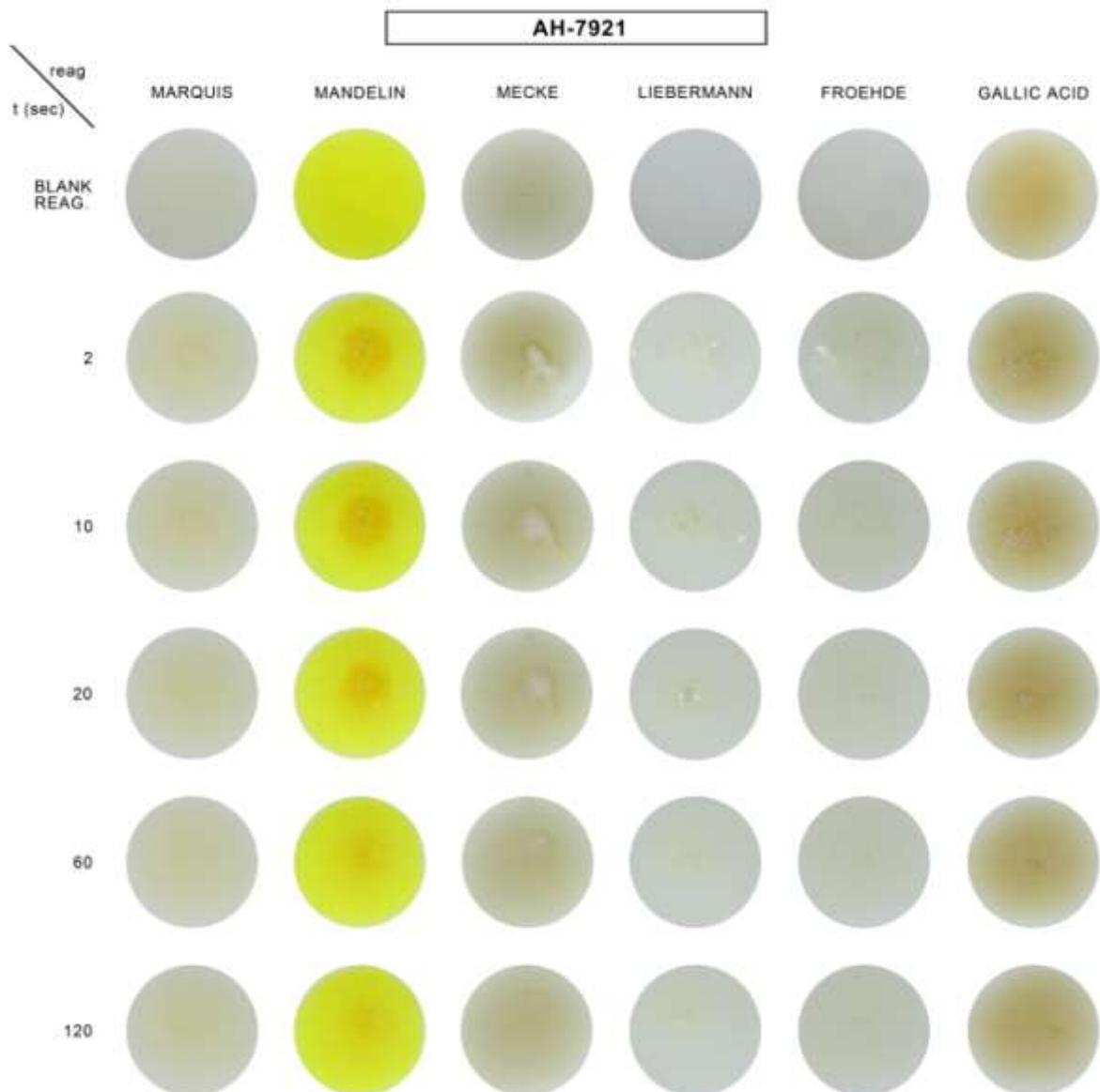
6.7. Methoxyacetyl-F



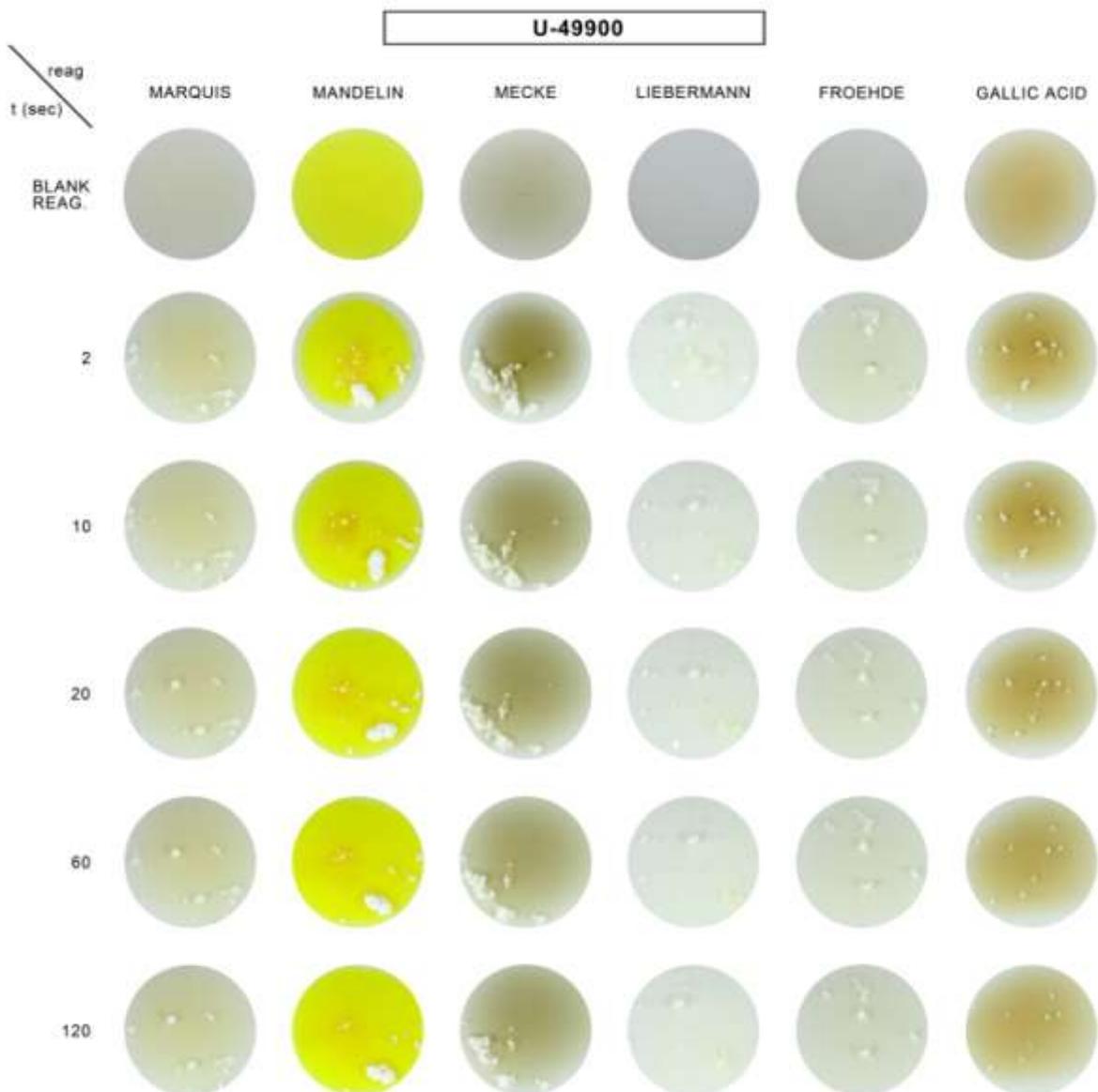
6.8. U-47700



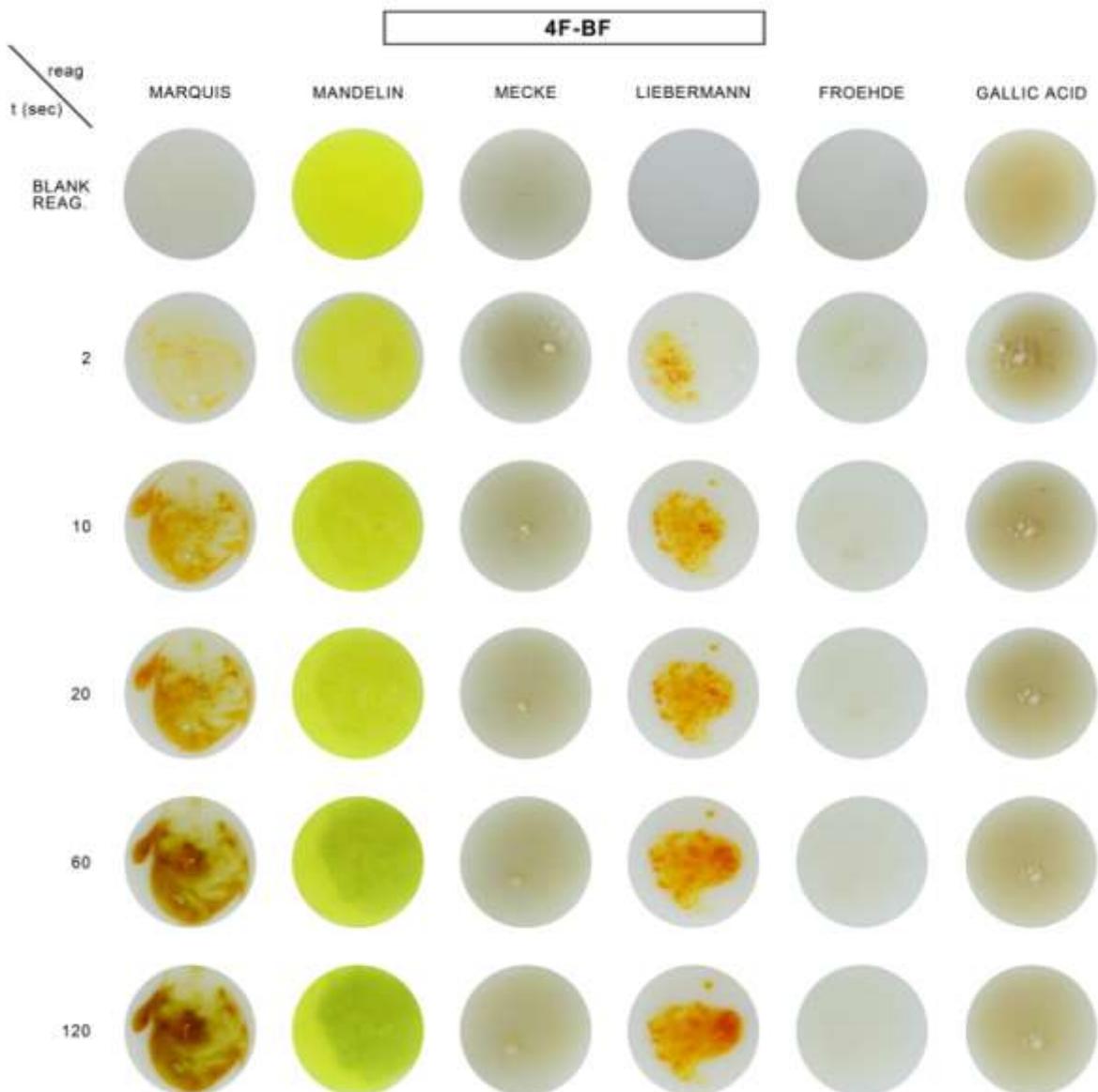
6.9. AH-7921



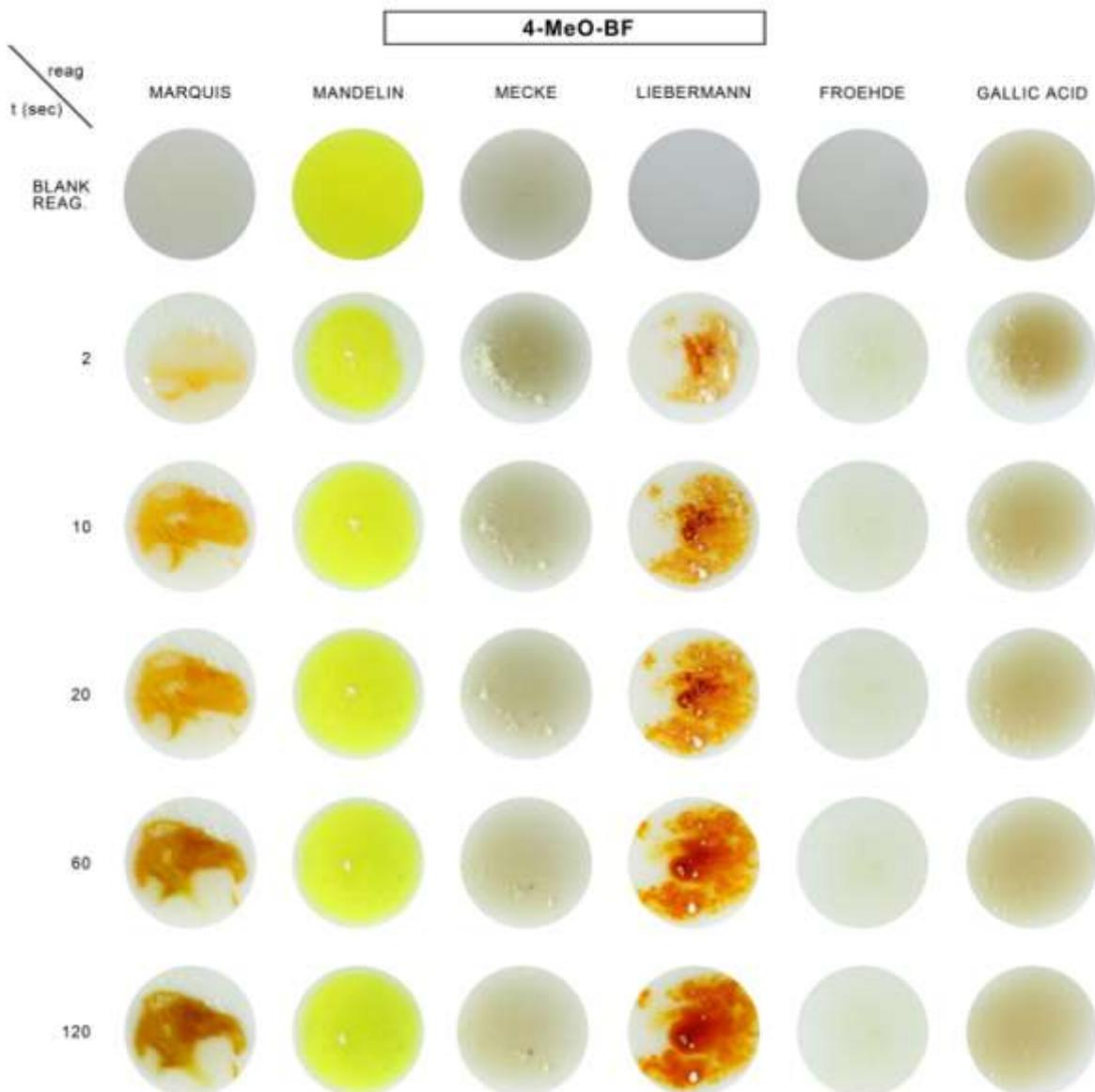
6.10. U-49900



6.11. 4F-BF

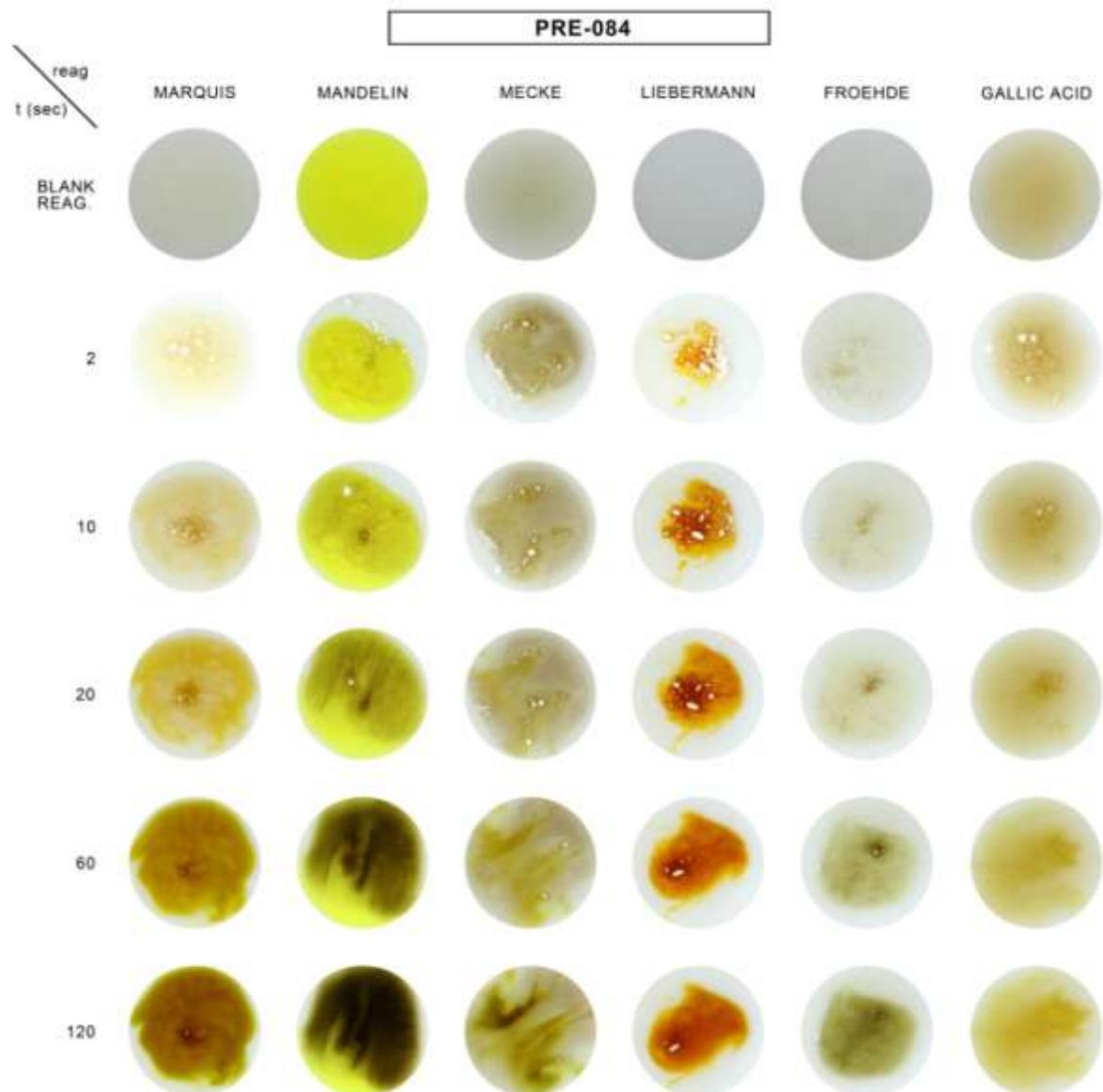


6.12. 4-MeO-BF

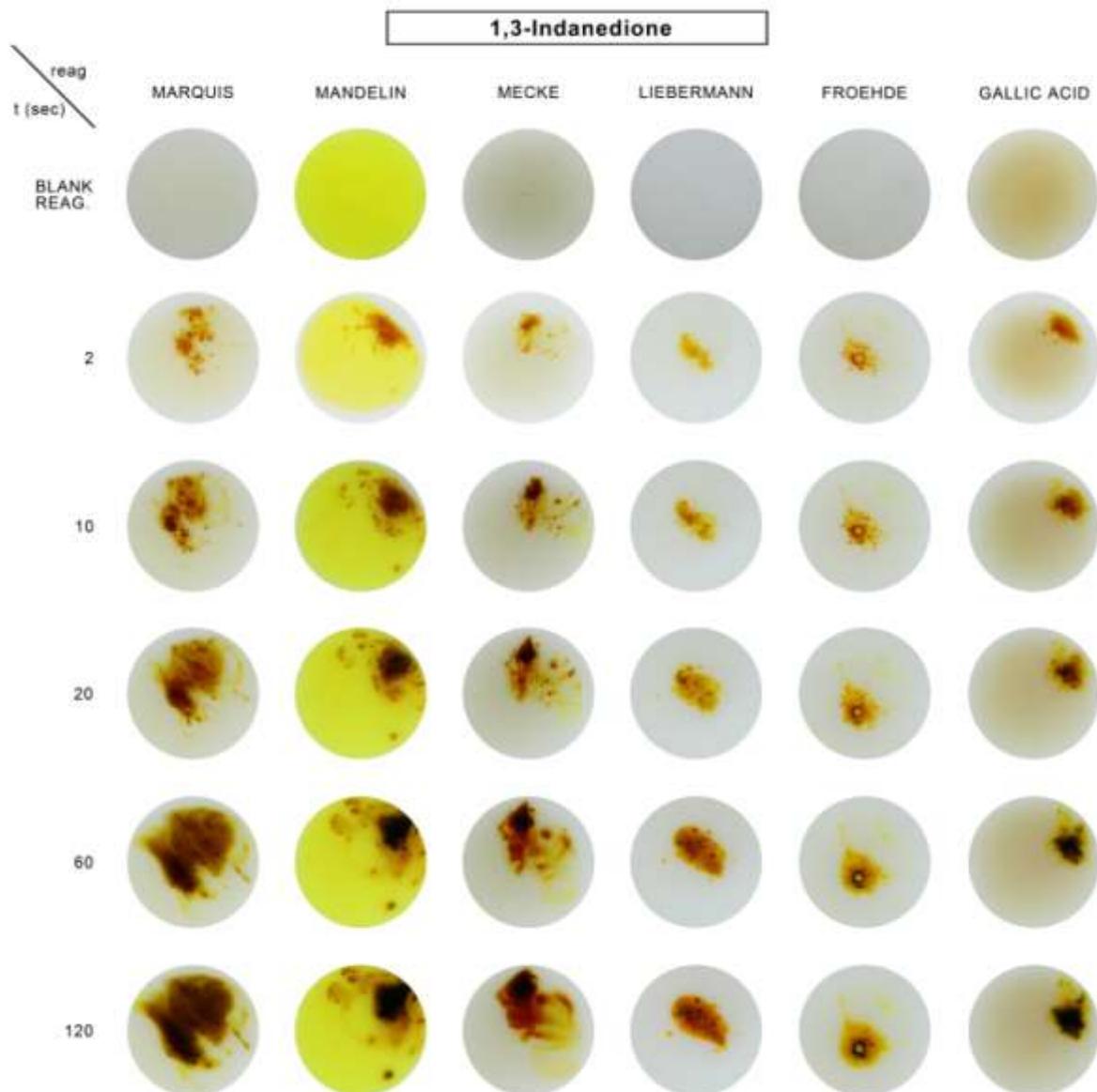


7. Ostalo

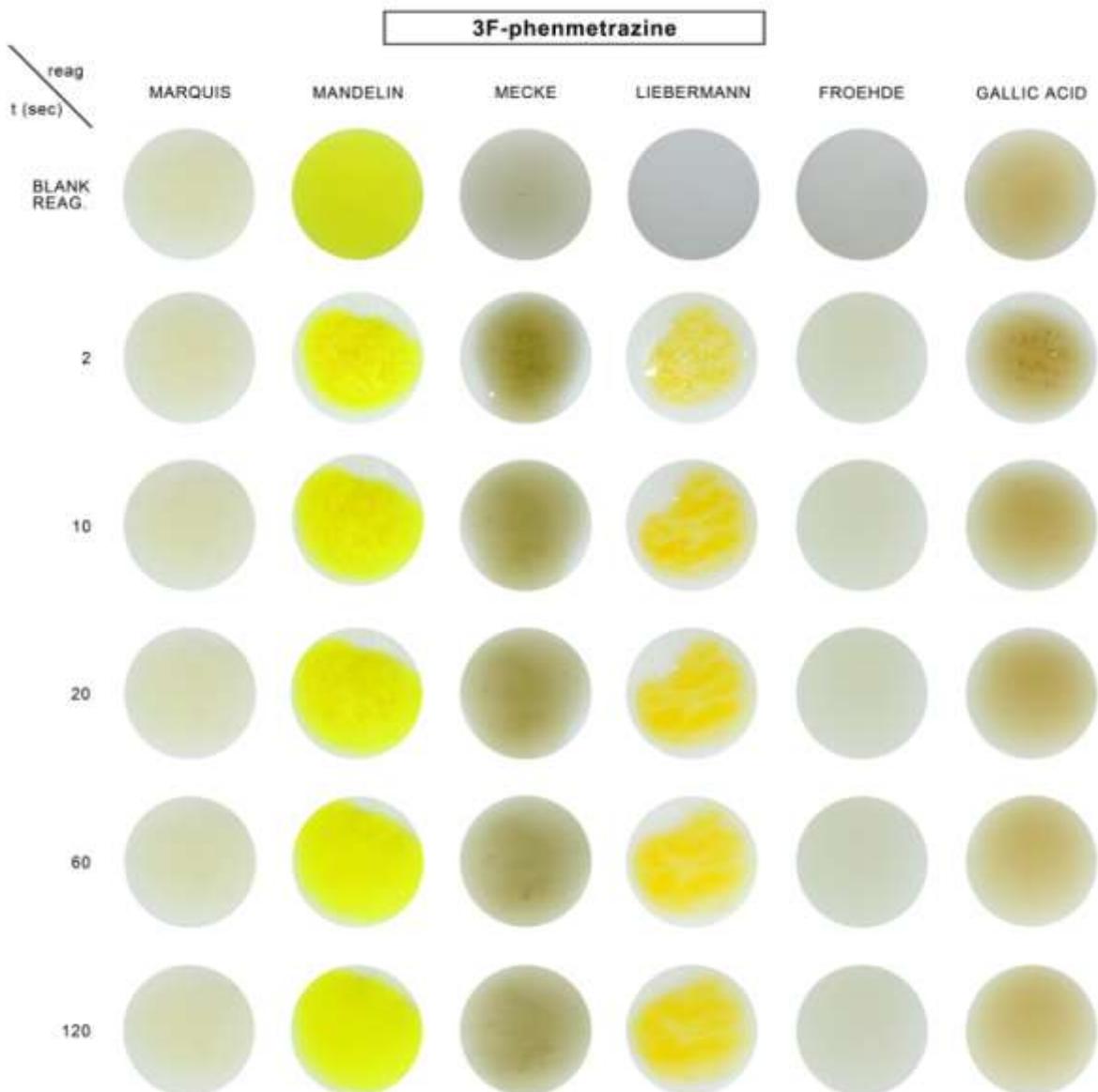
7.1. PRE-084



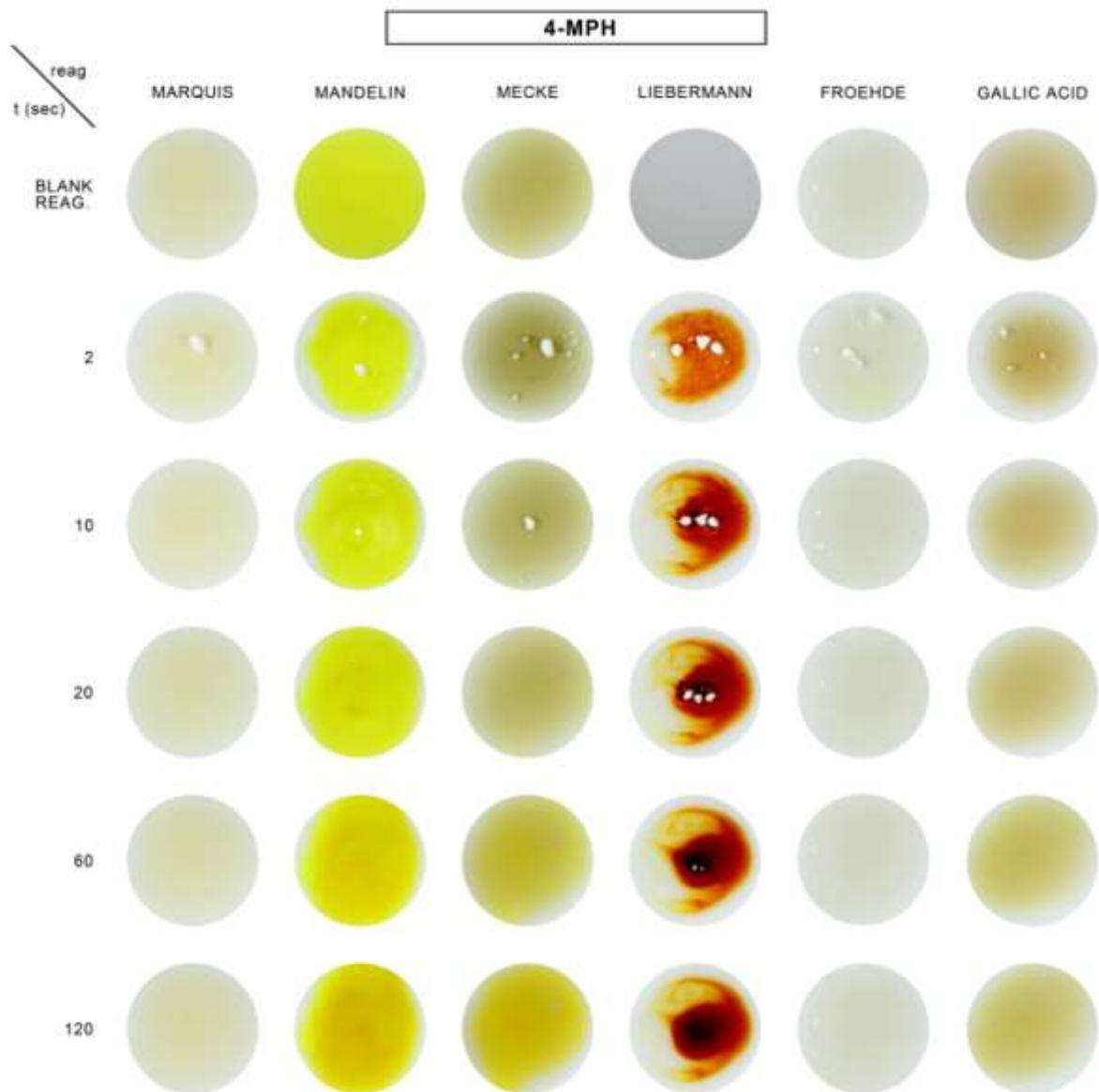
7.2. 1,3-Indanedione



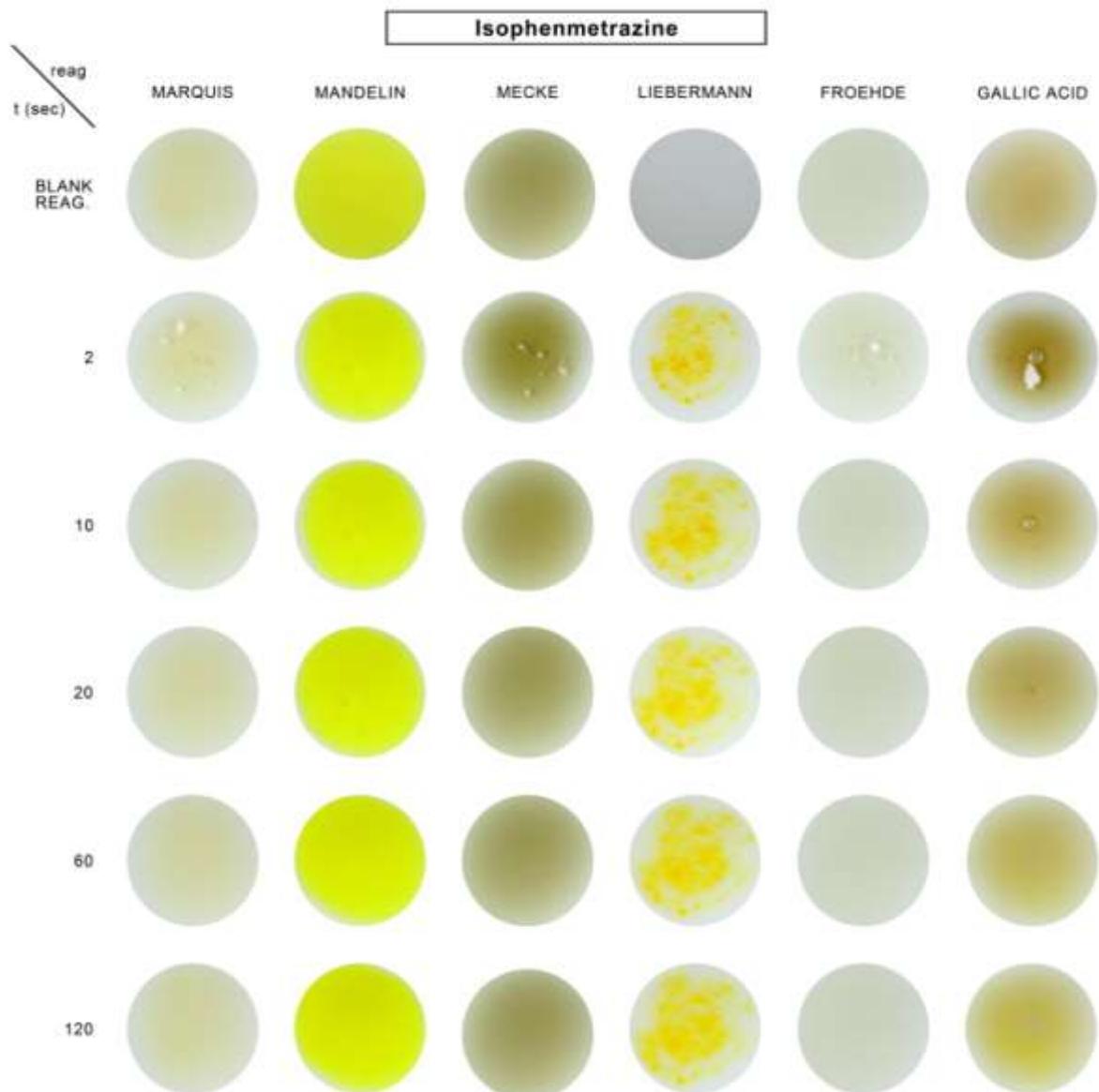
7.3. 3F-phenmetrazine



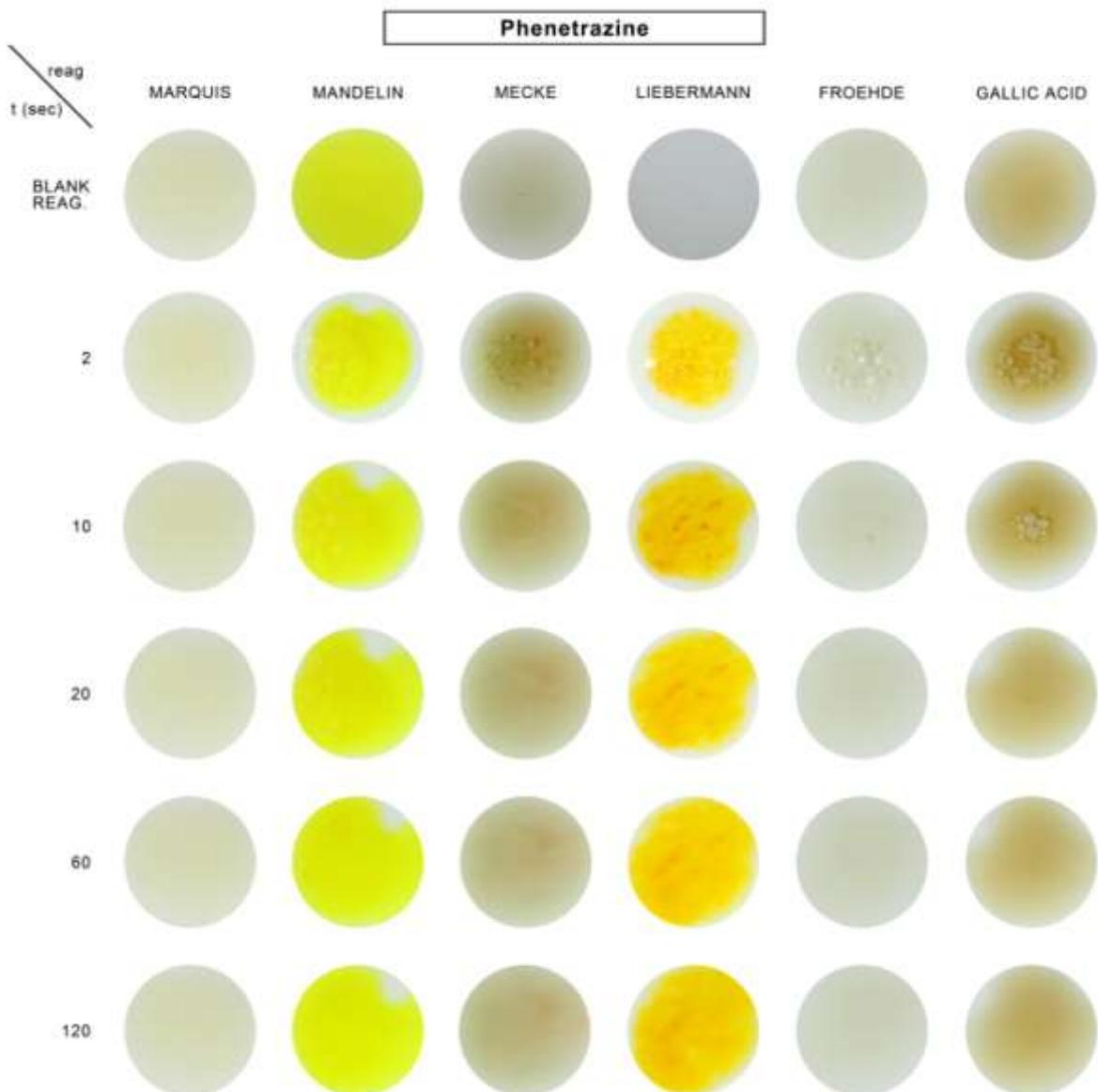
7.4. 4-MPH



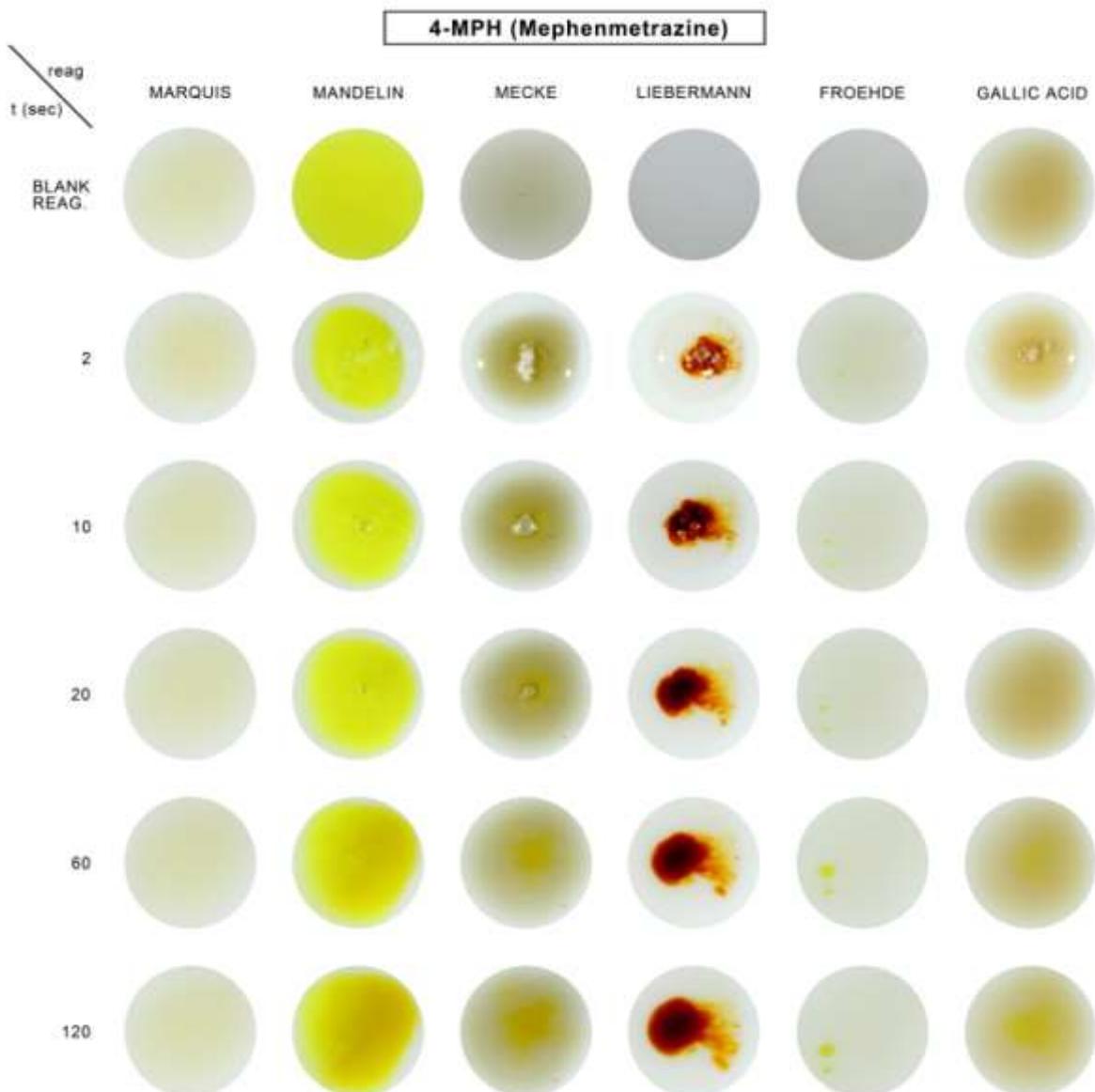
7.5. Isophenmetrazine



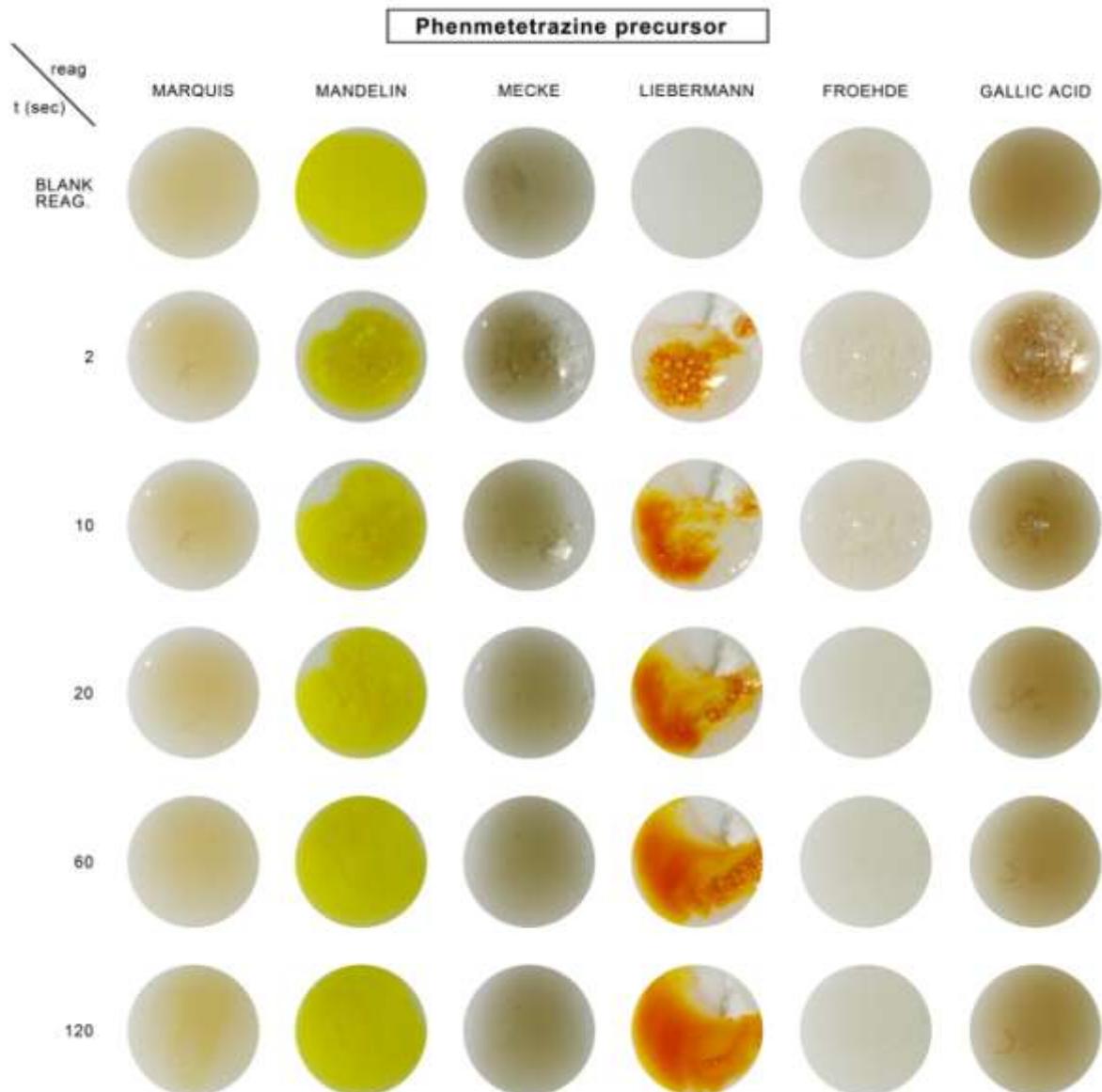
7.6. Phenetrazine



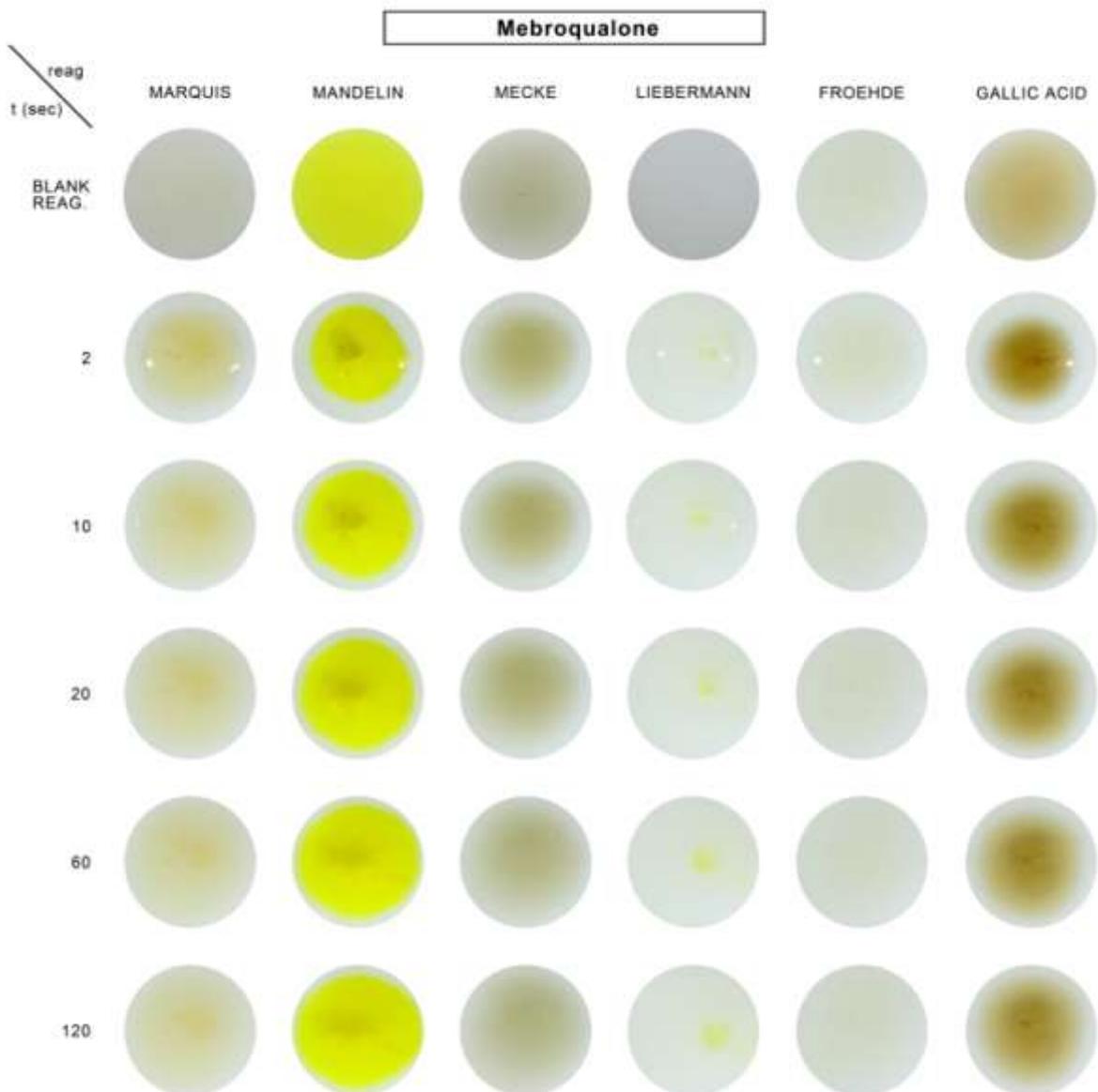
7.7.4-MPH_(Mephennetrazine)



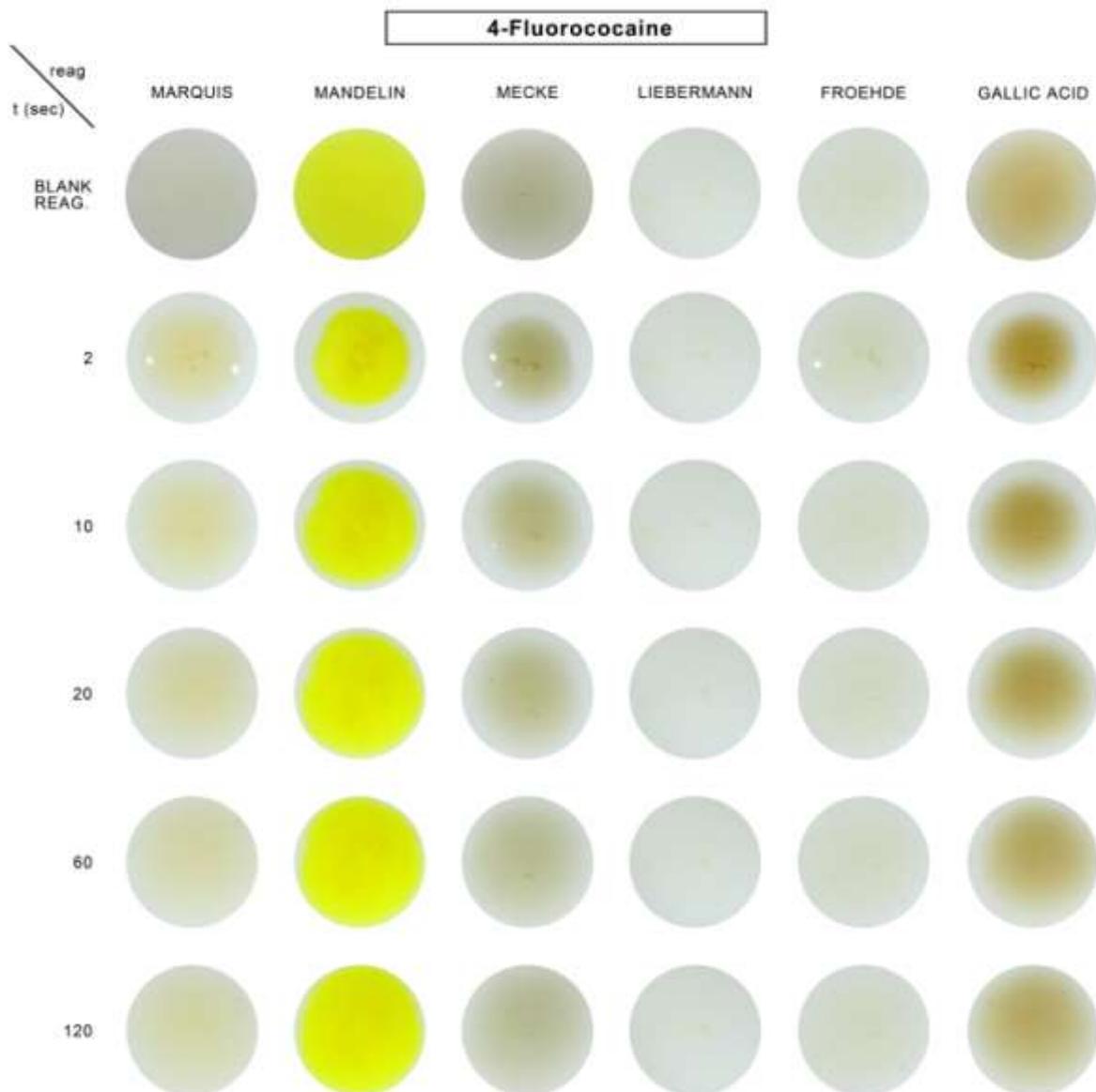
7.8. Phenmetetrazine-precursor



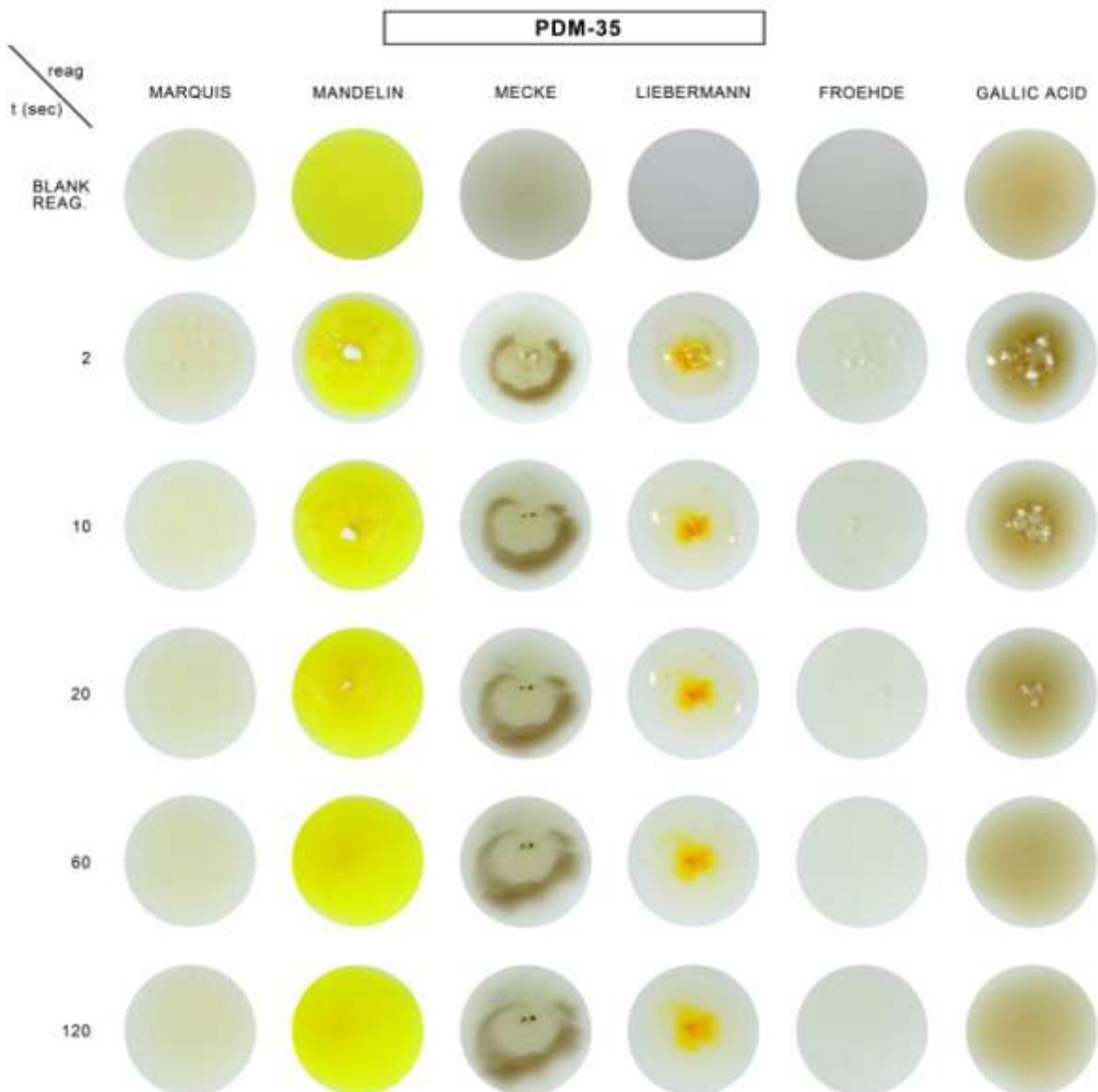
7.9. Mebroqualone



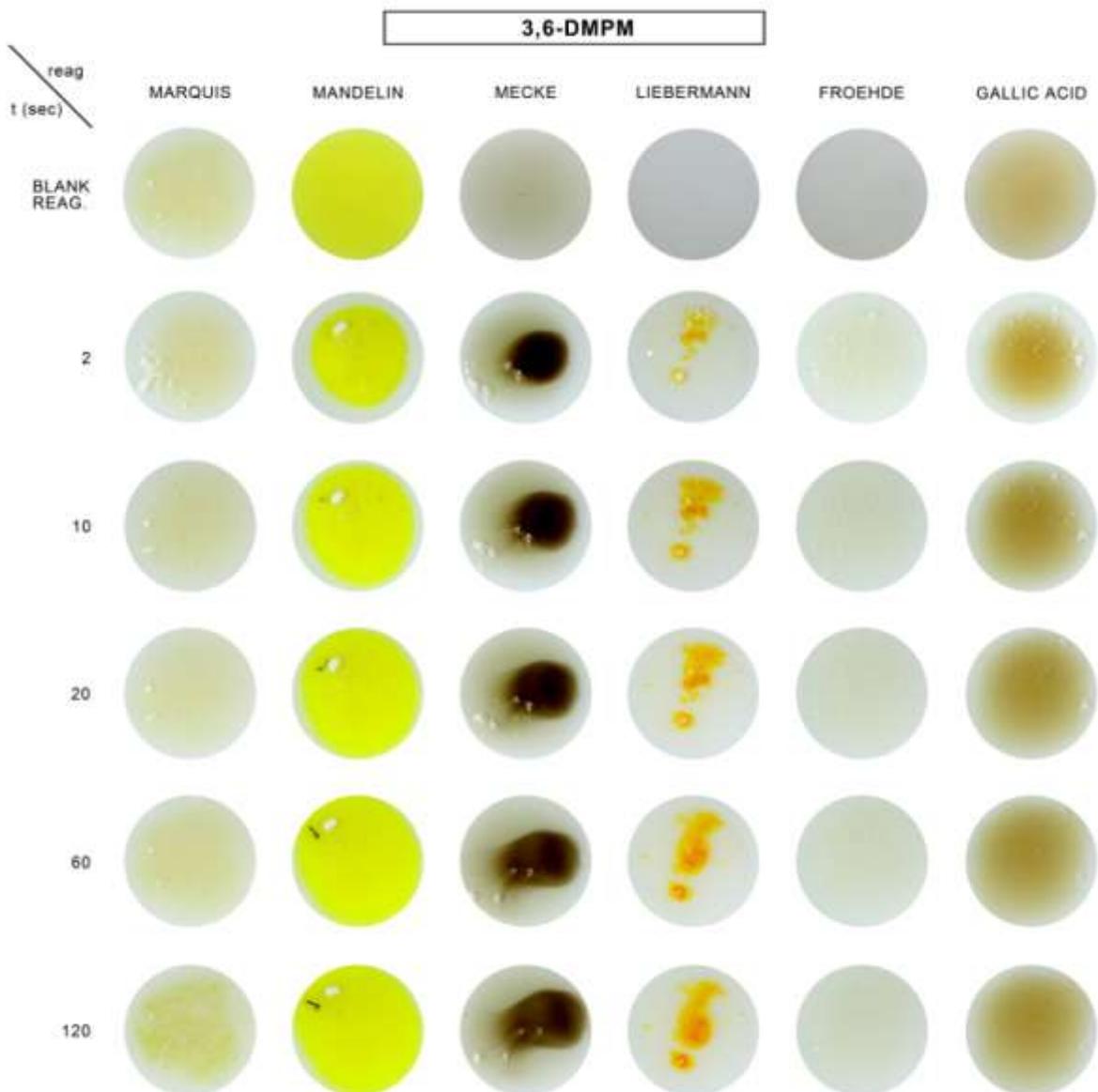
7.10. 4-Fluorococaine



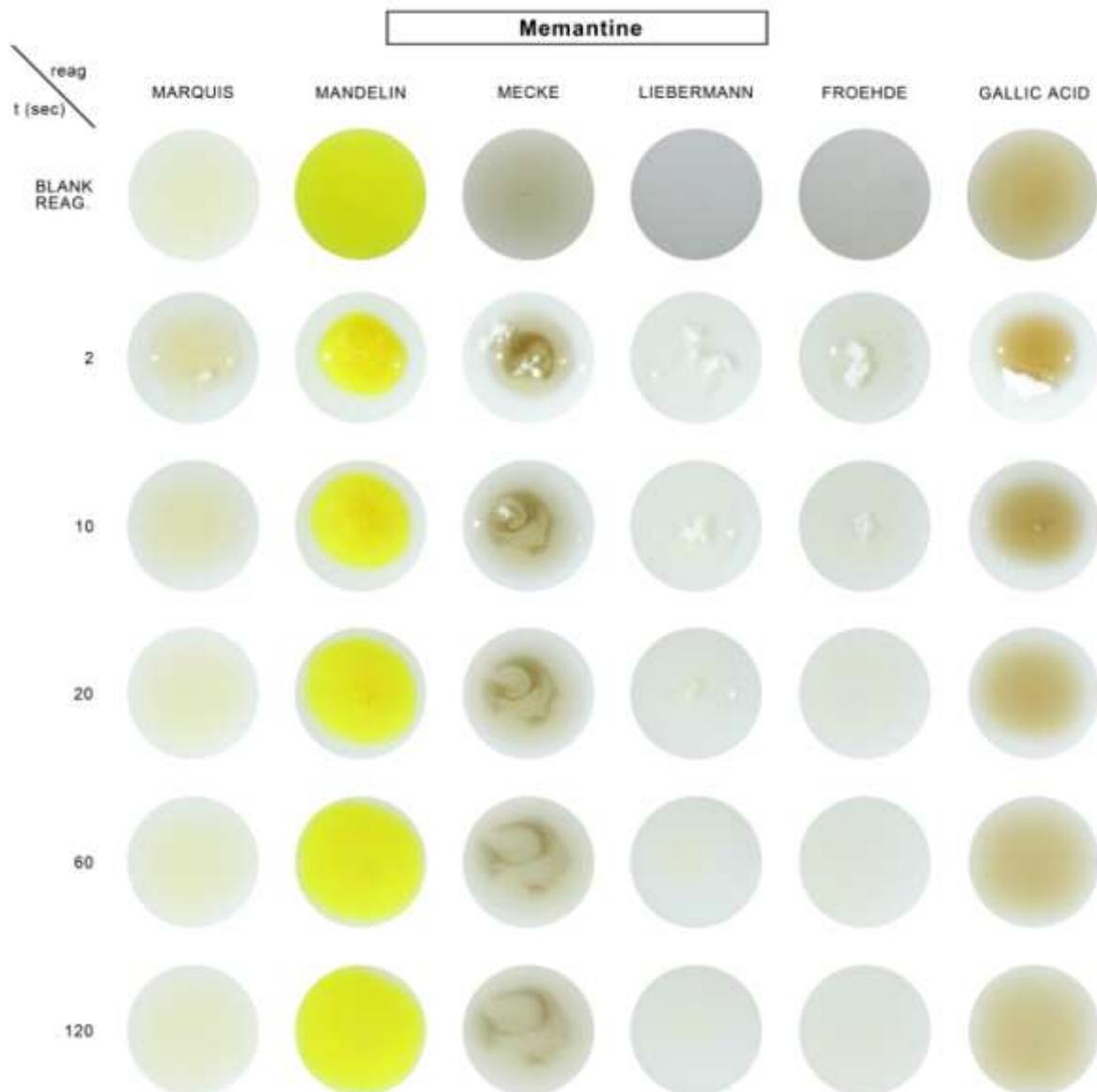
7.11. PDM-35



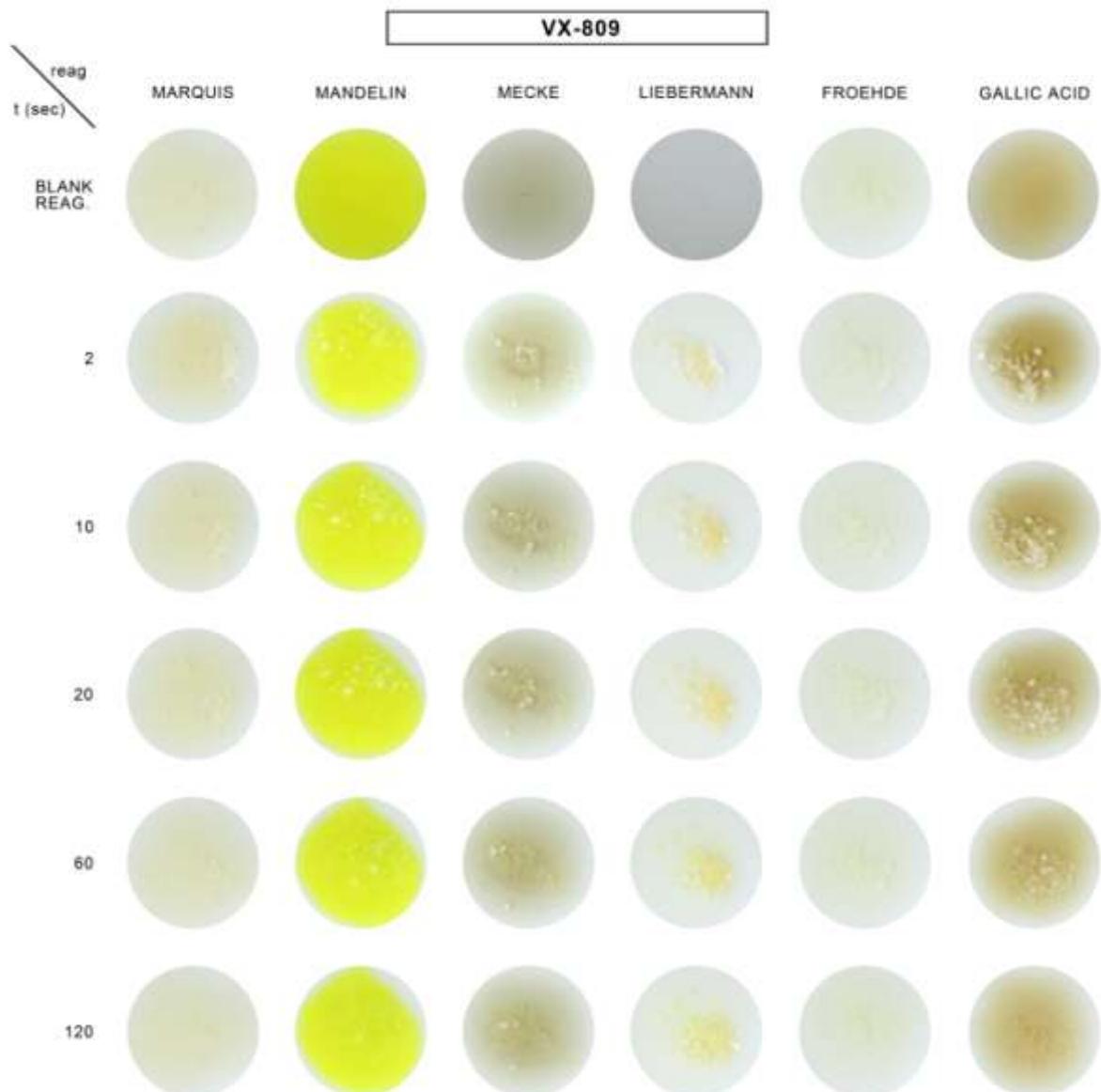
7.12. 3,6-DMPM



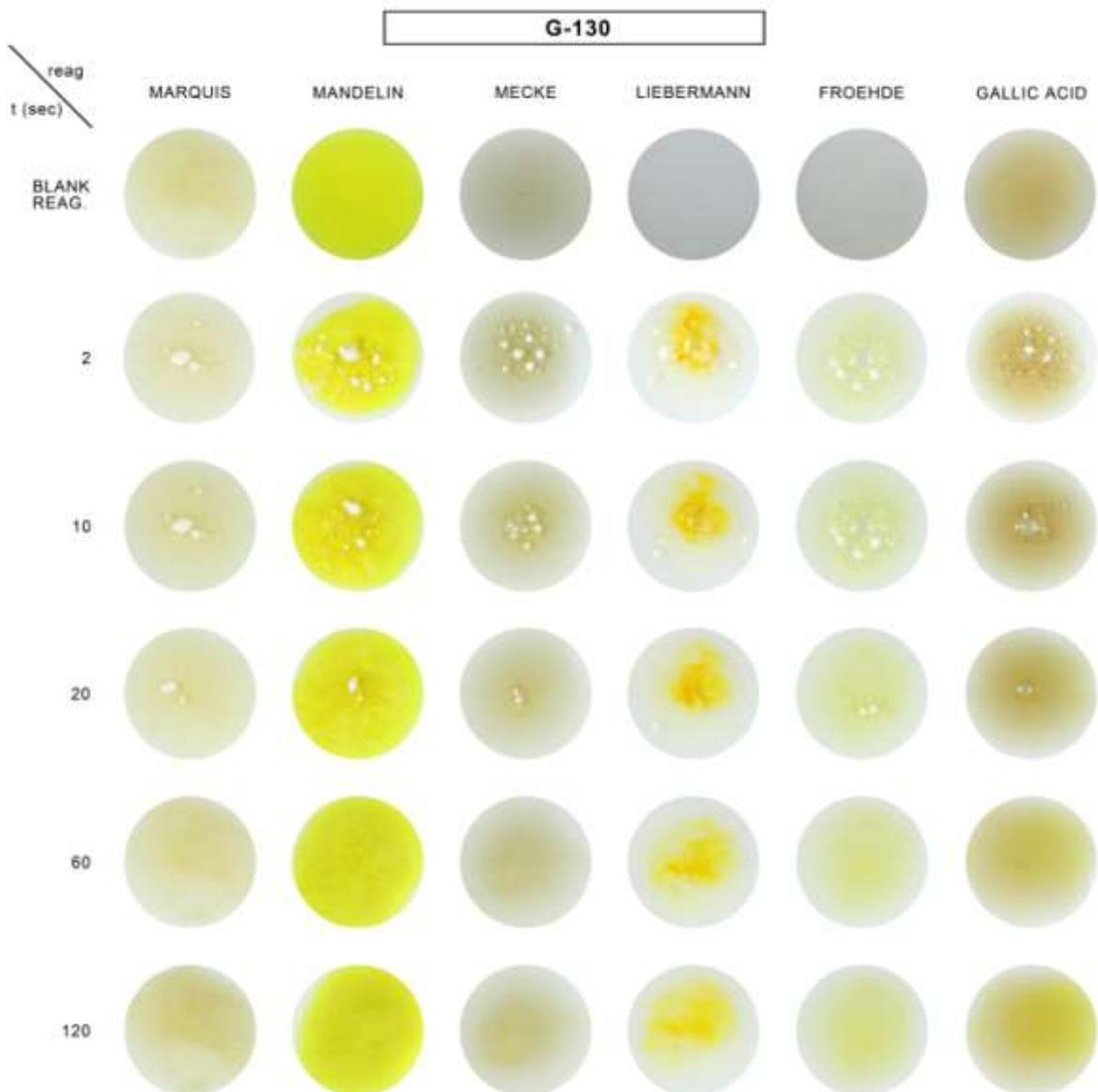
7.13. Memantine



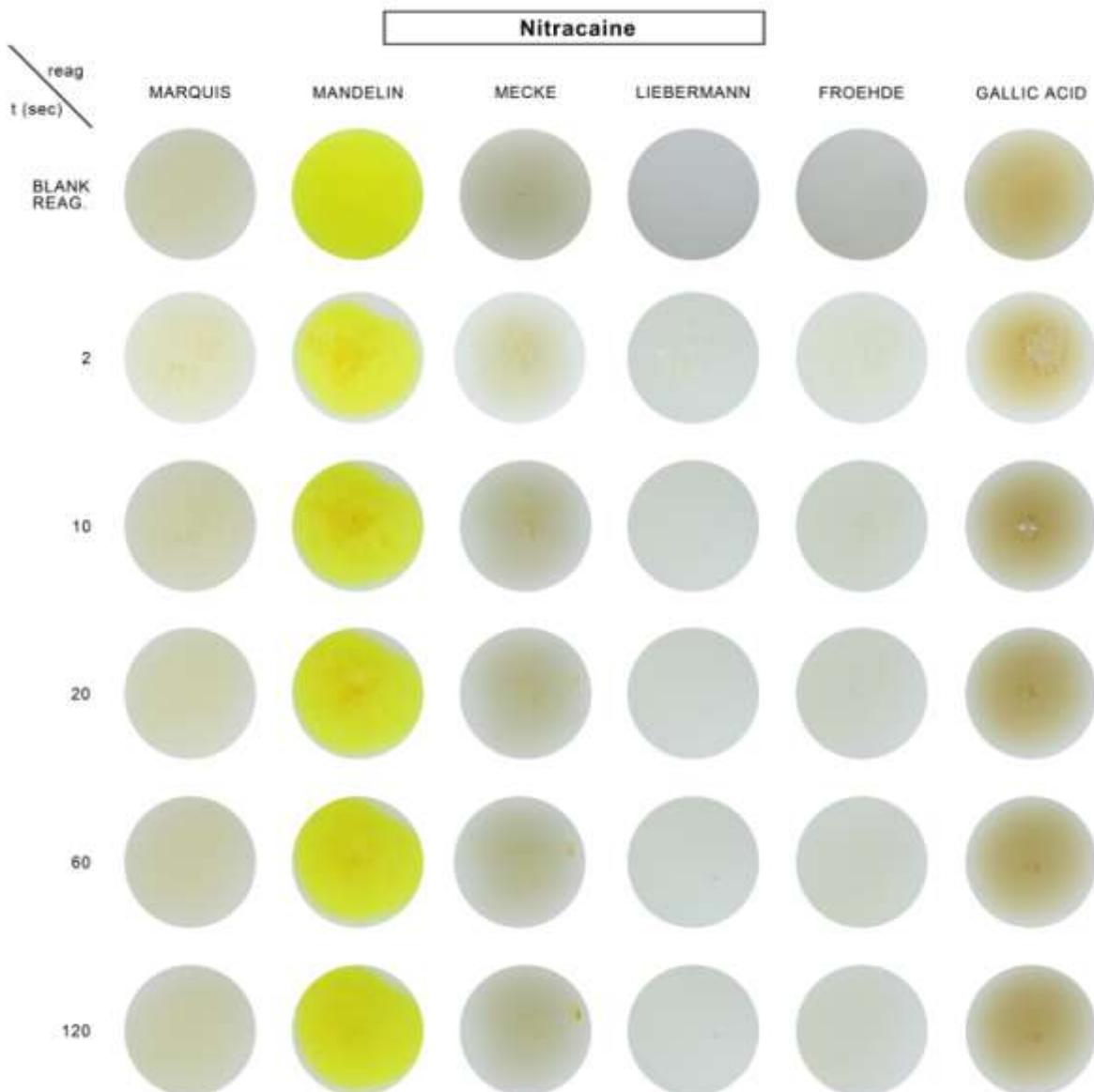
7.14. VX-809



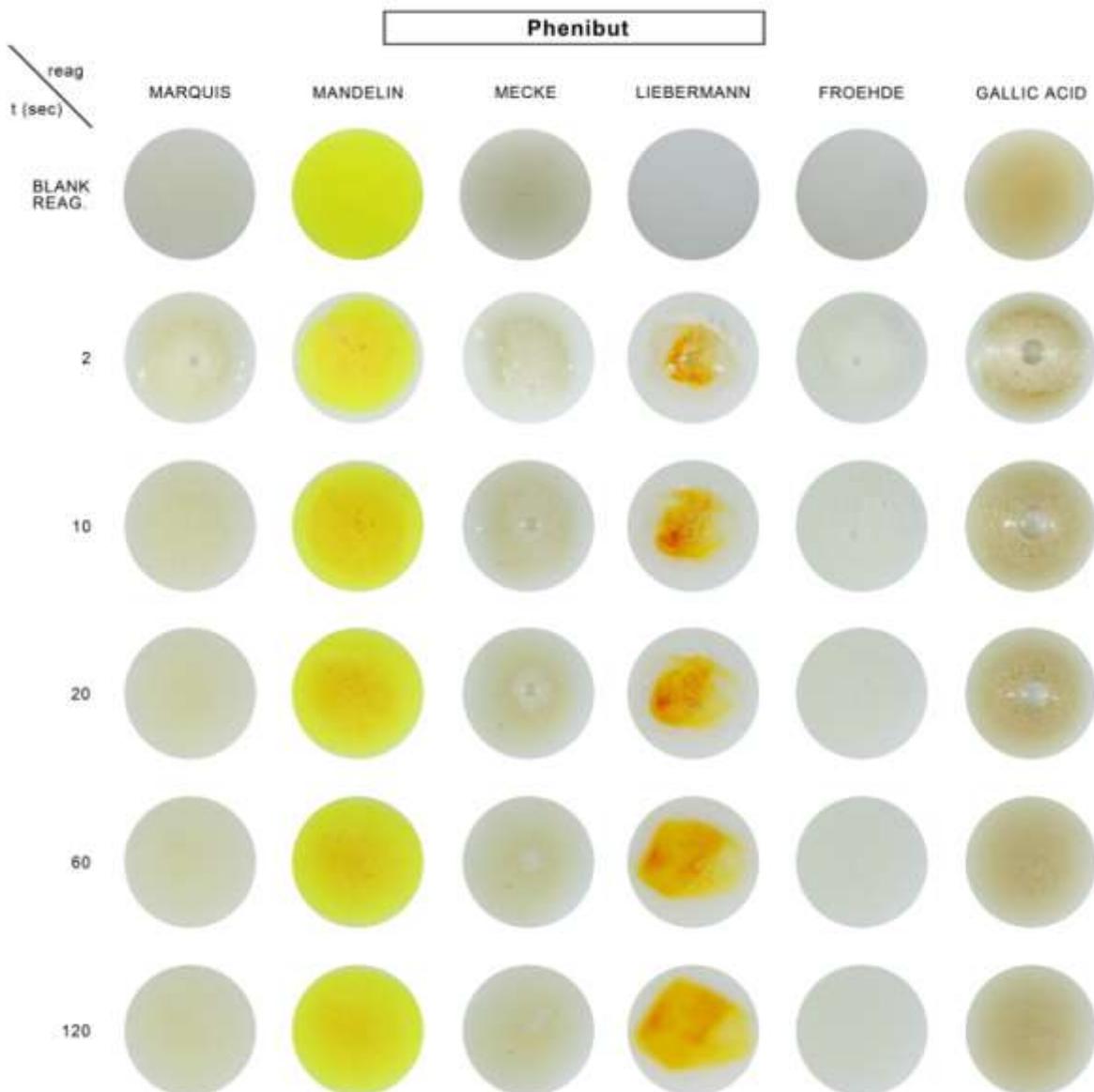
7.15. G-130



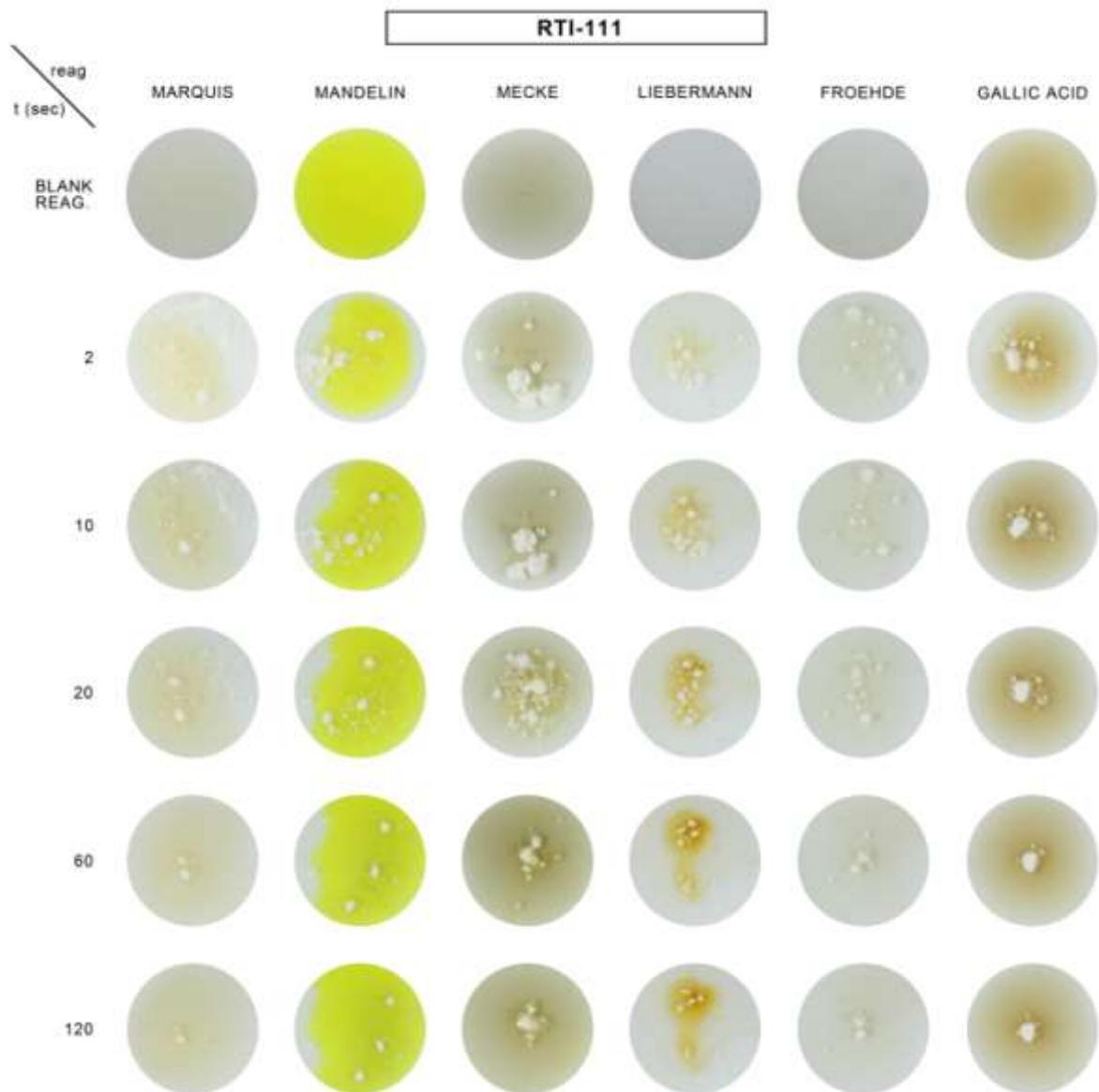
7.16. Nitracaine



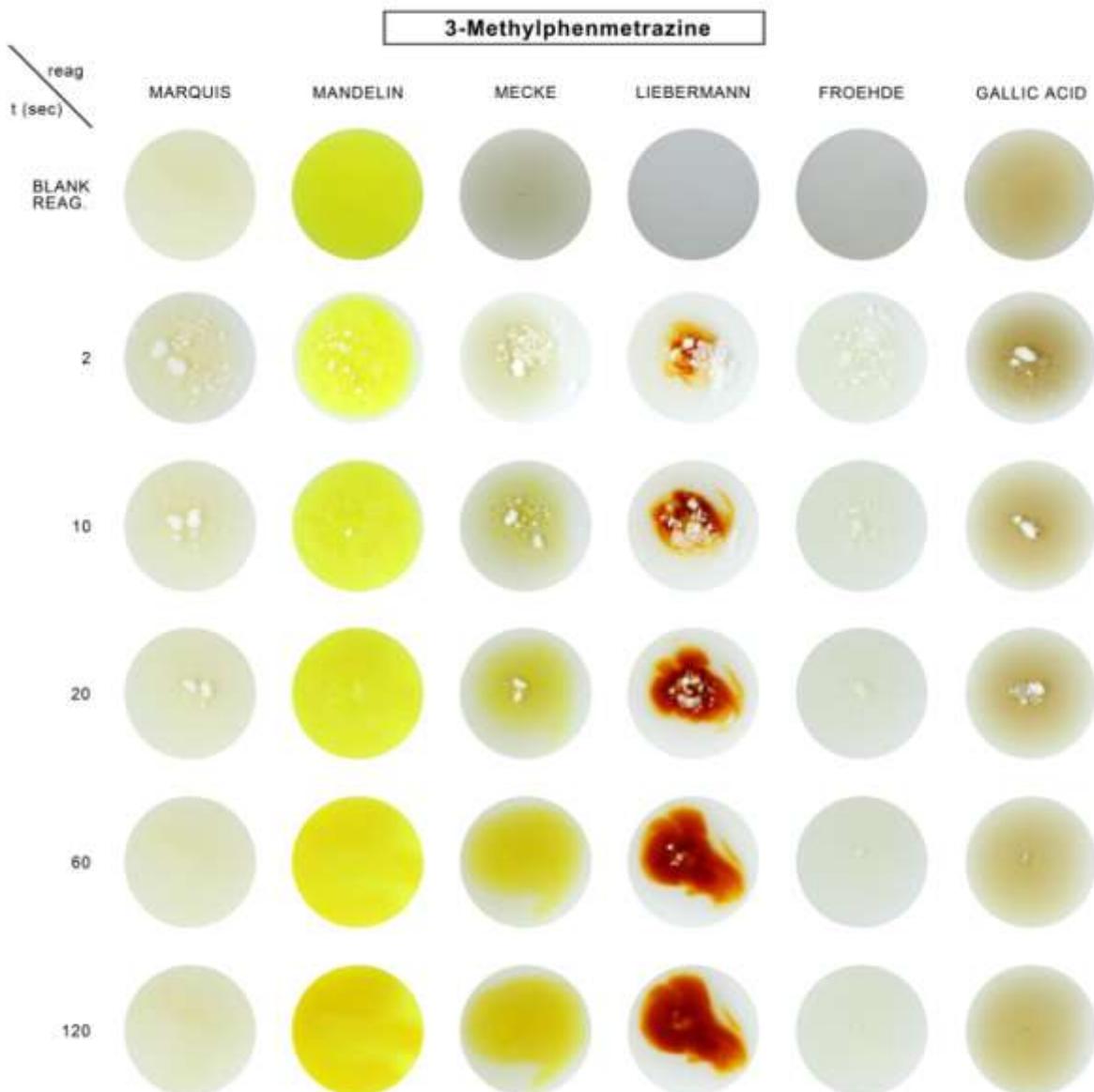
7.17. Phenibut



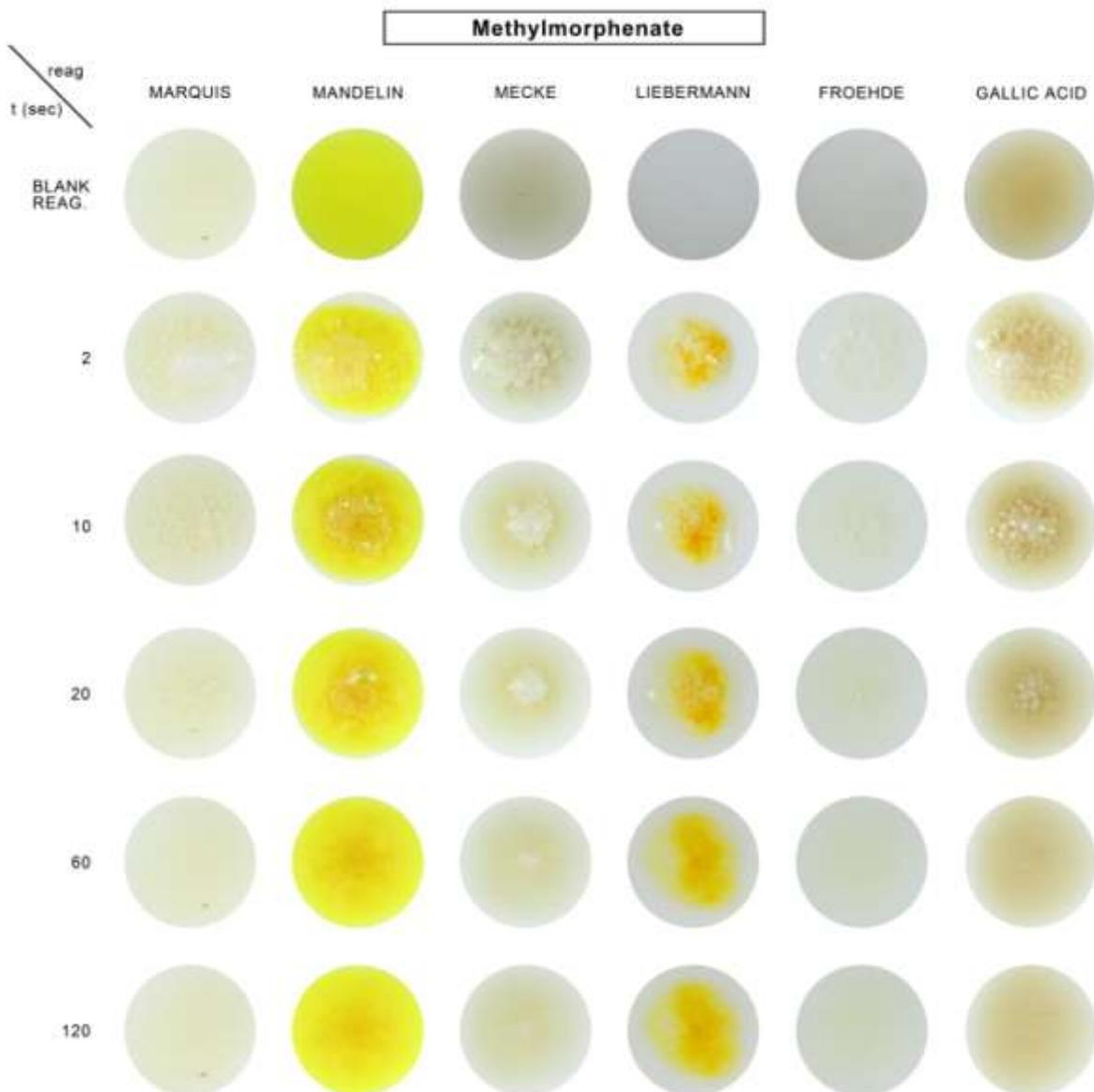
7.18. RTI-111



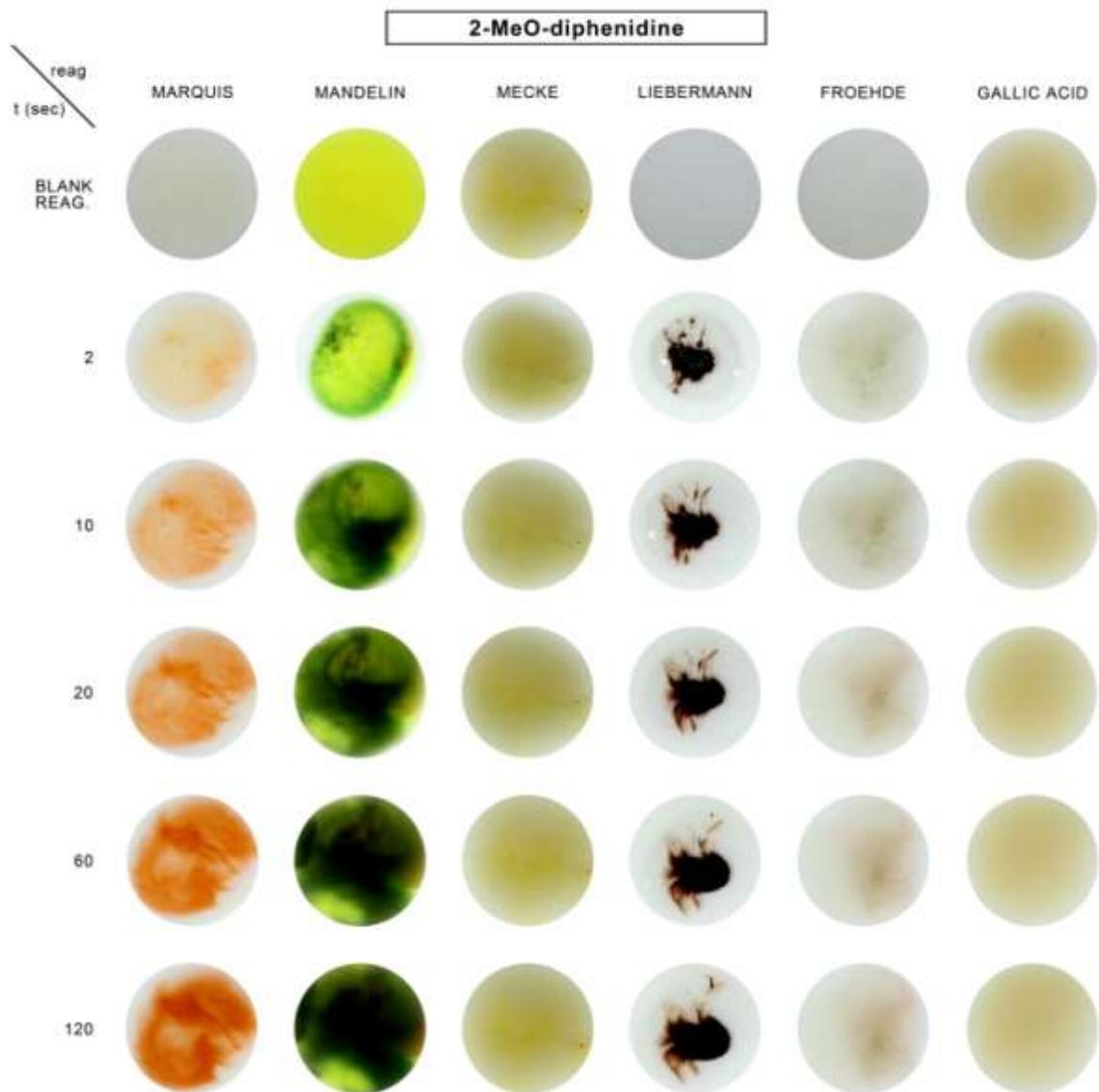
7.19. 3-Methylphenmetrazine



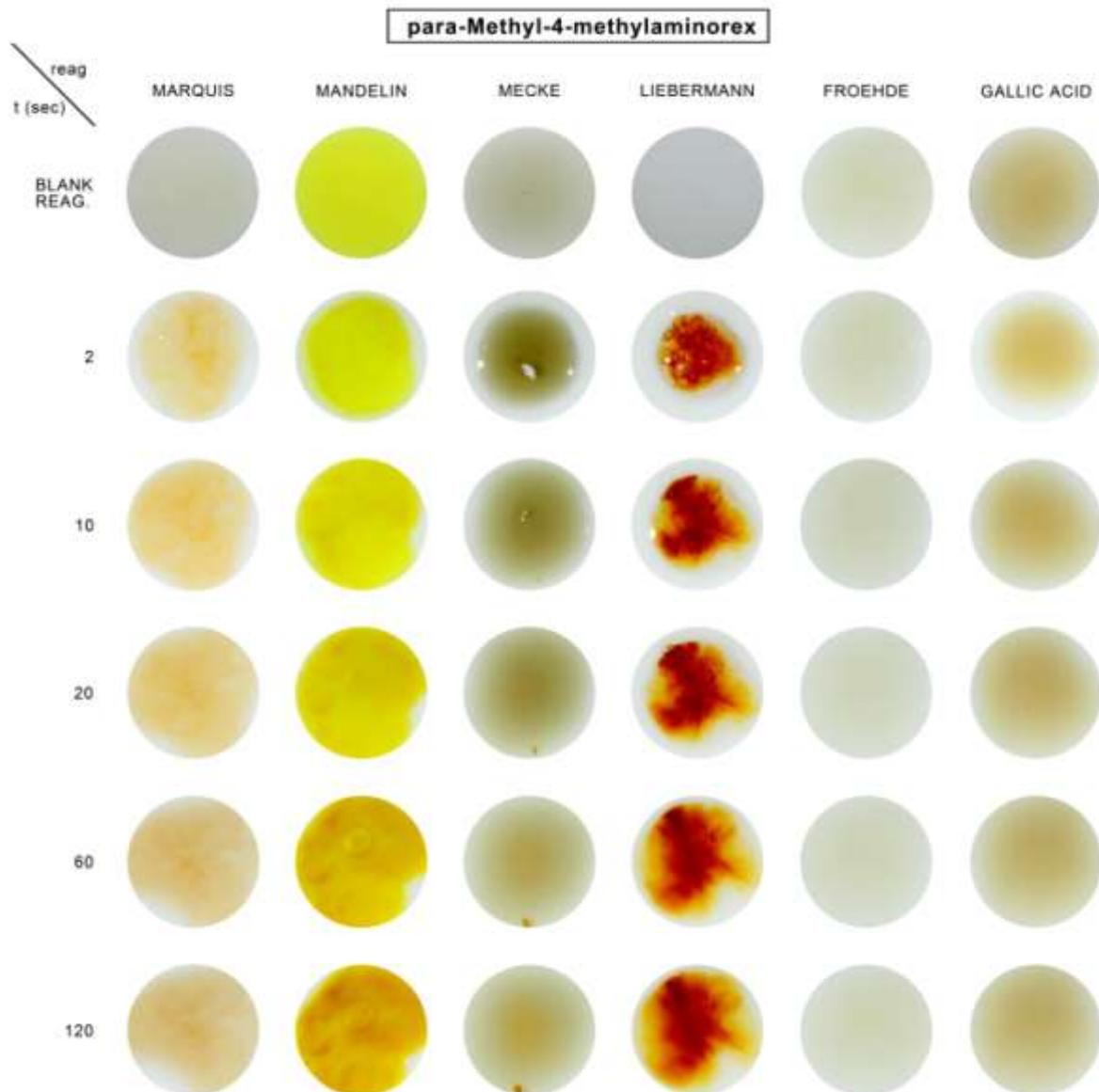
7.20. Methylmorphenate



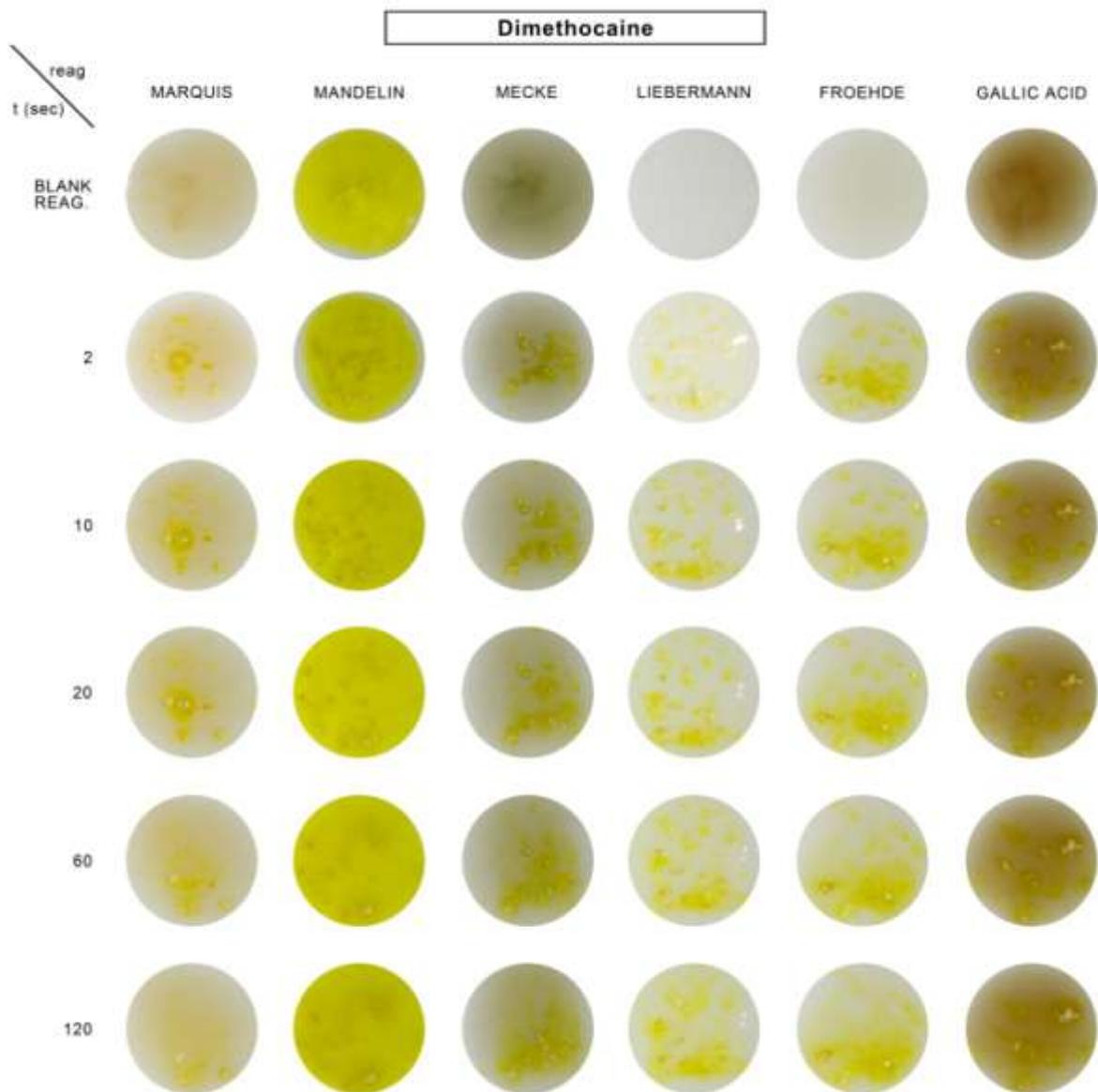
7.21. 2-MeO-diphenidine



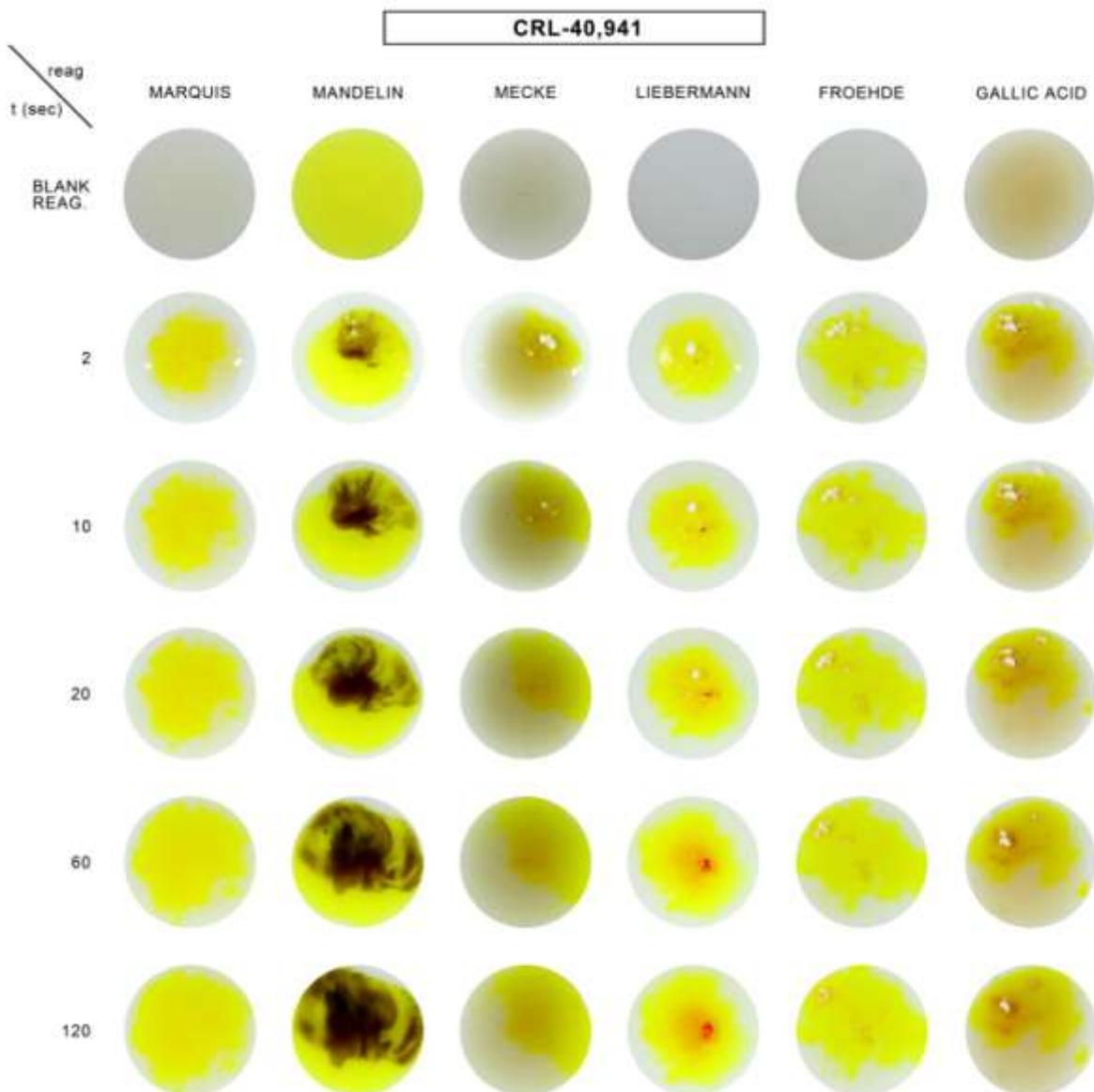
7.22. para-Methyl-4-methylaminorex



7.23. Dimethocaine

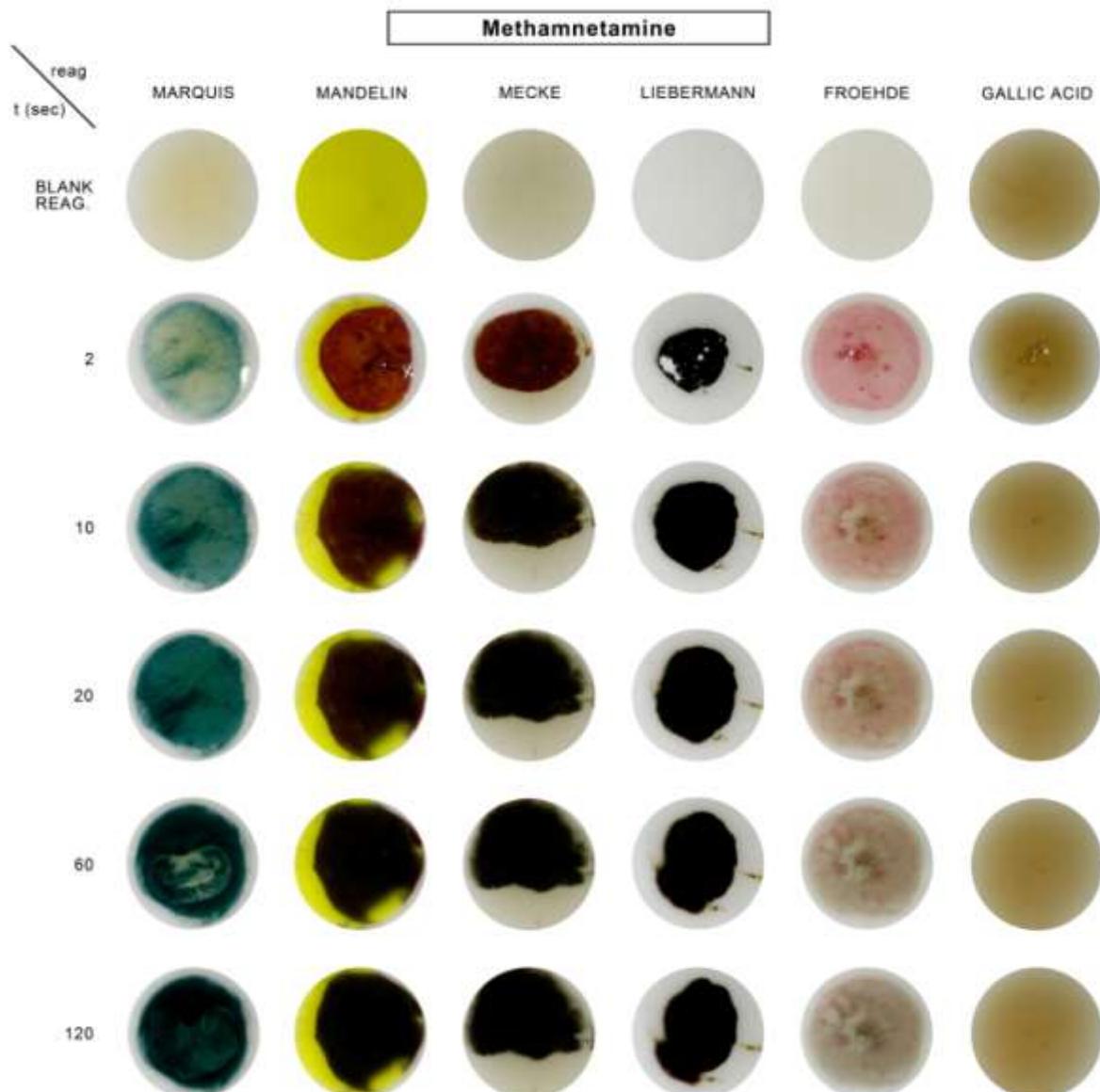


7.24. CRL-40,941

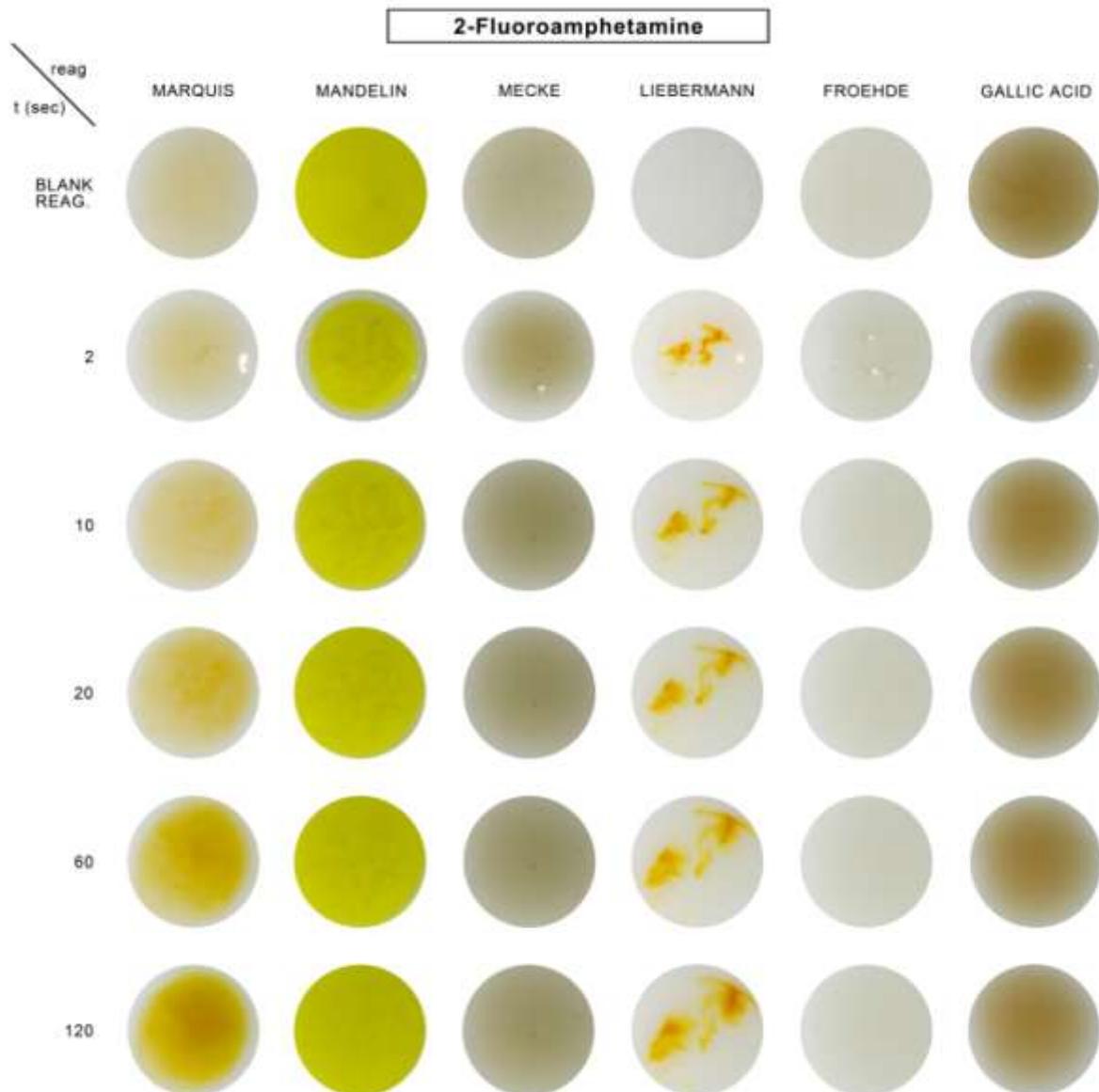


8. Fenetilamini

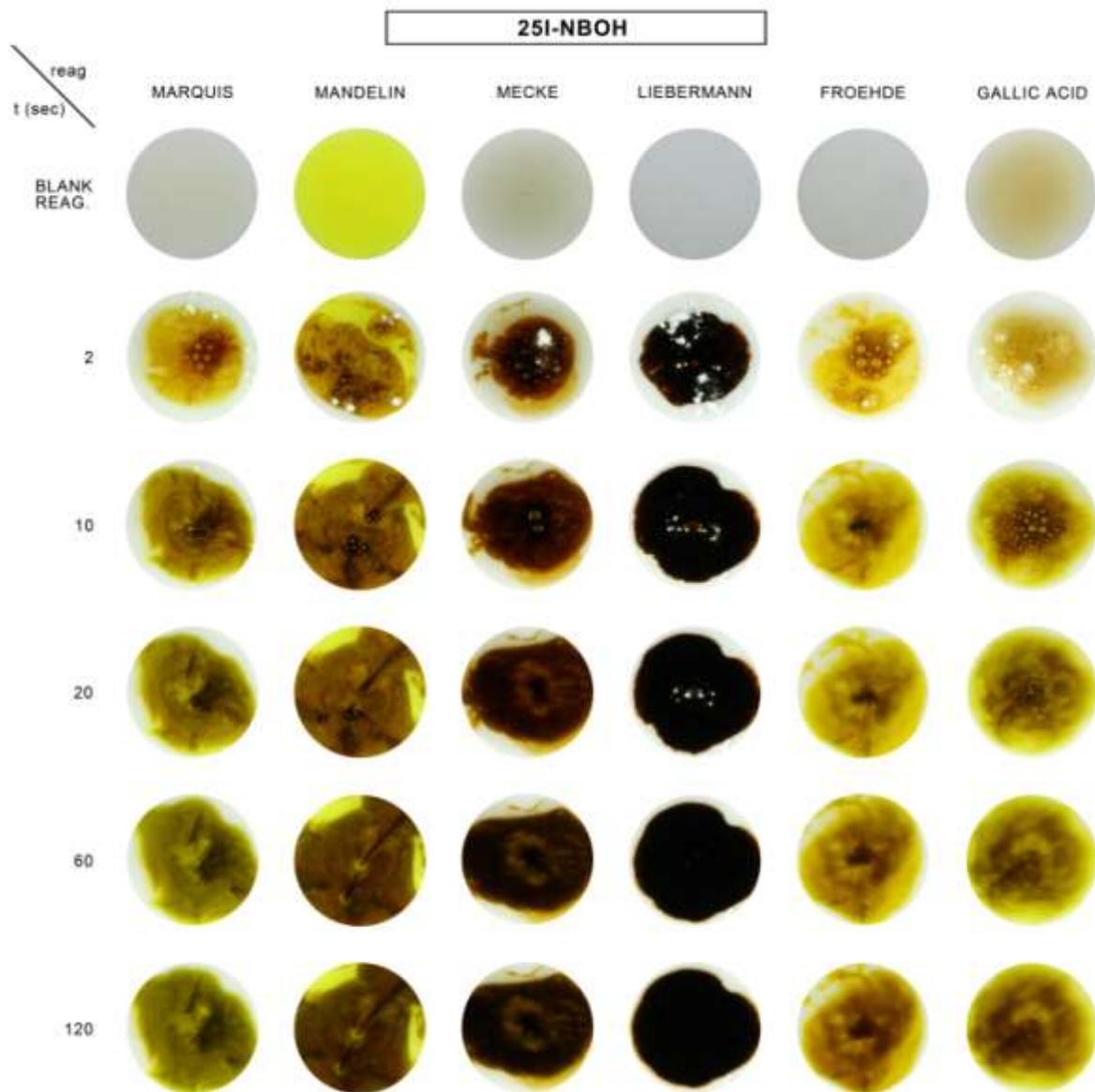
8.1. Methamphetamine



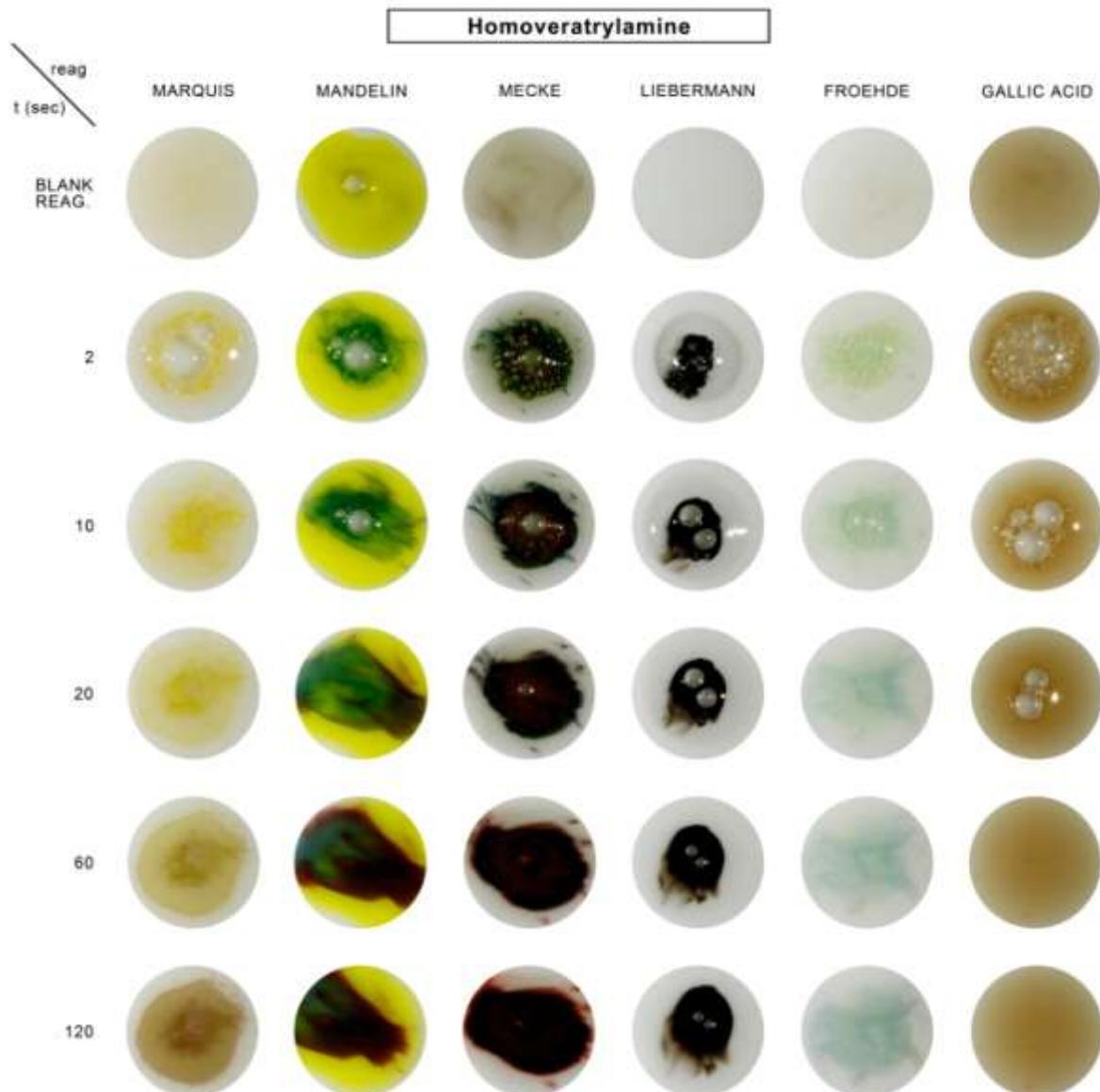
8.2. 2-Fluoroamphetamine



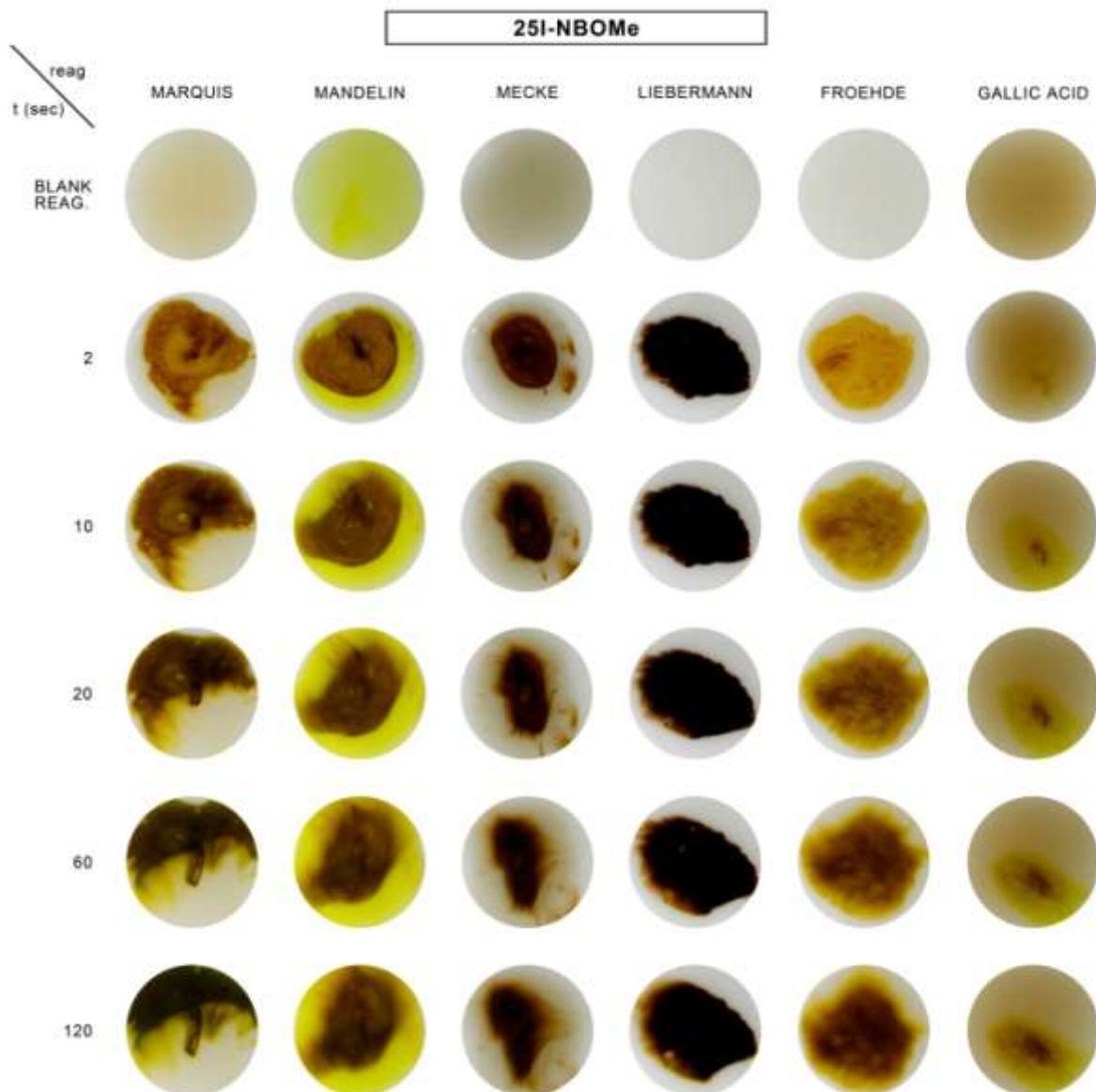
8.3. 25I-NBOH



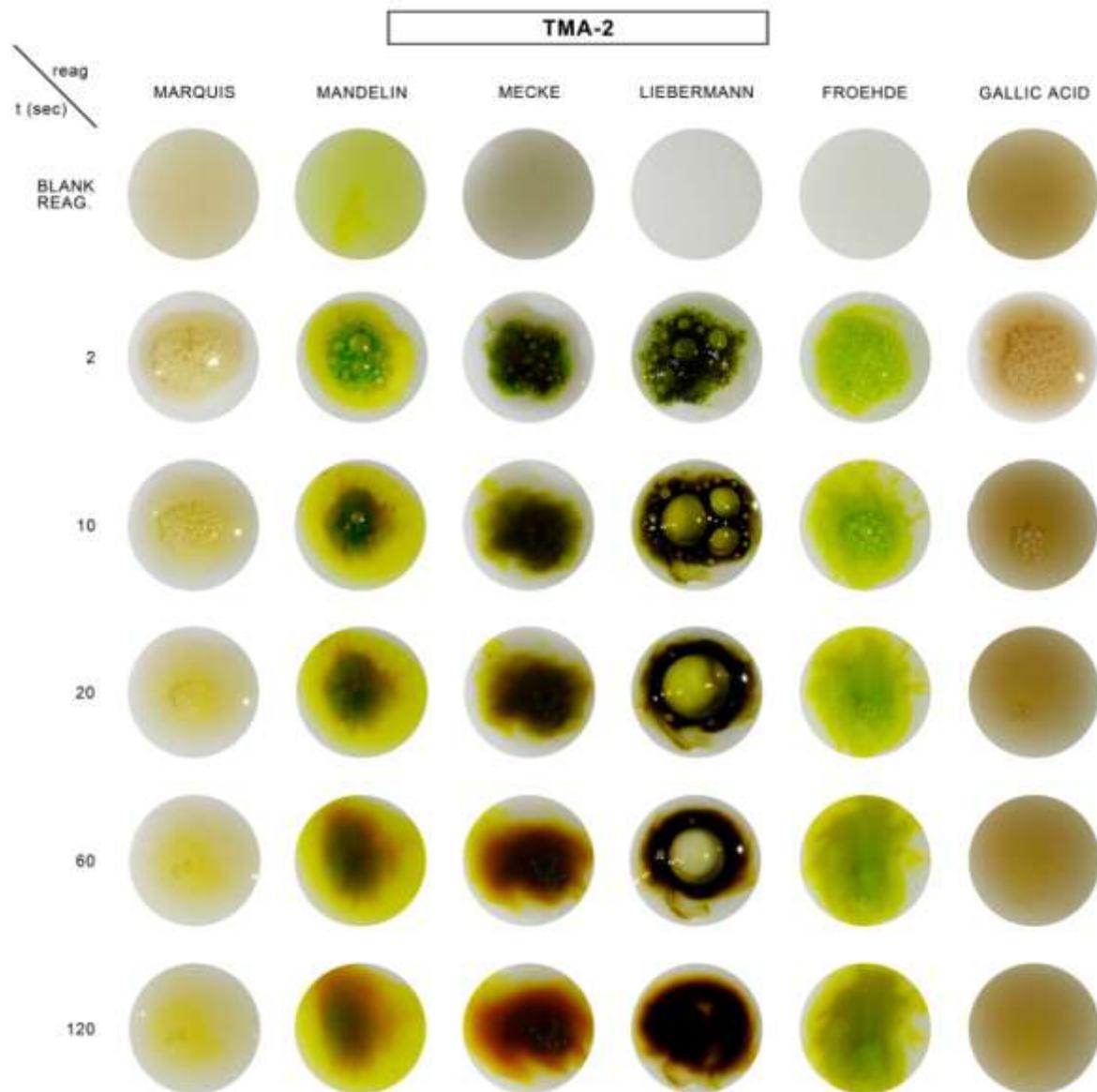
8.4. Homoveratrylamine



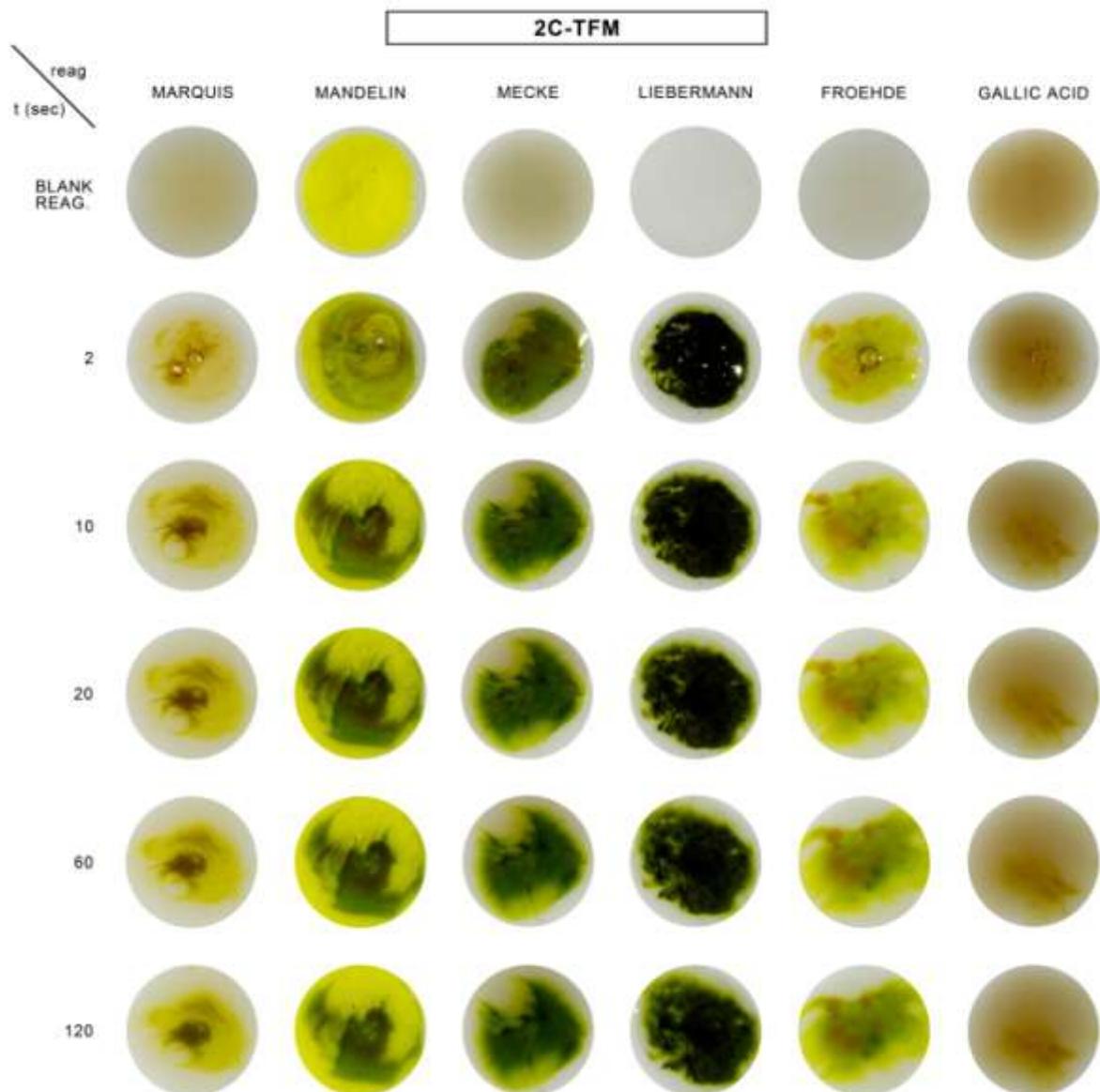
8.5. 25I-NBOMe



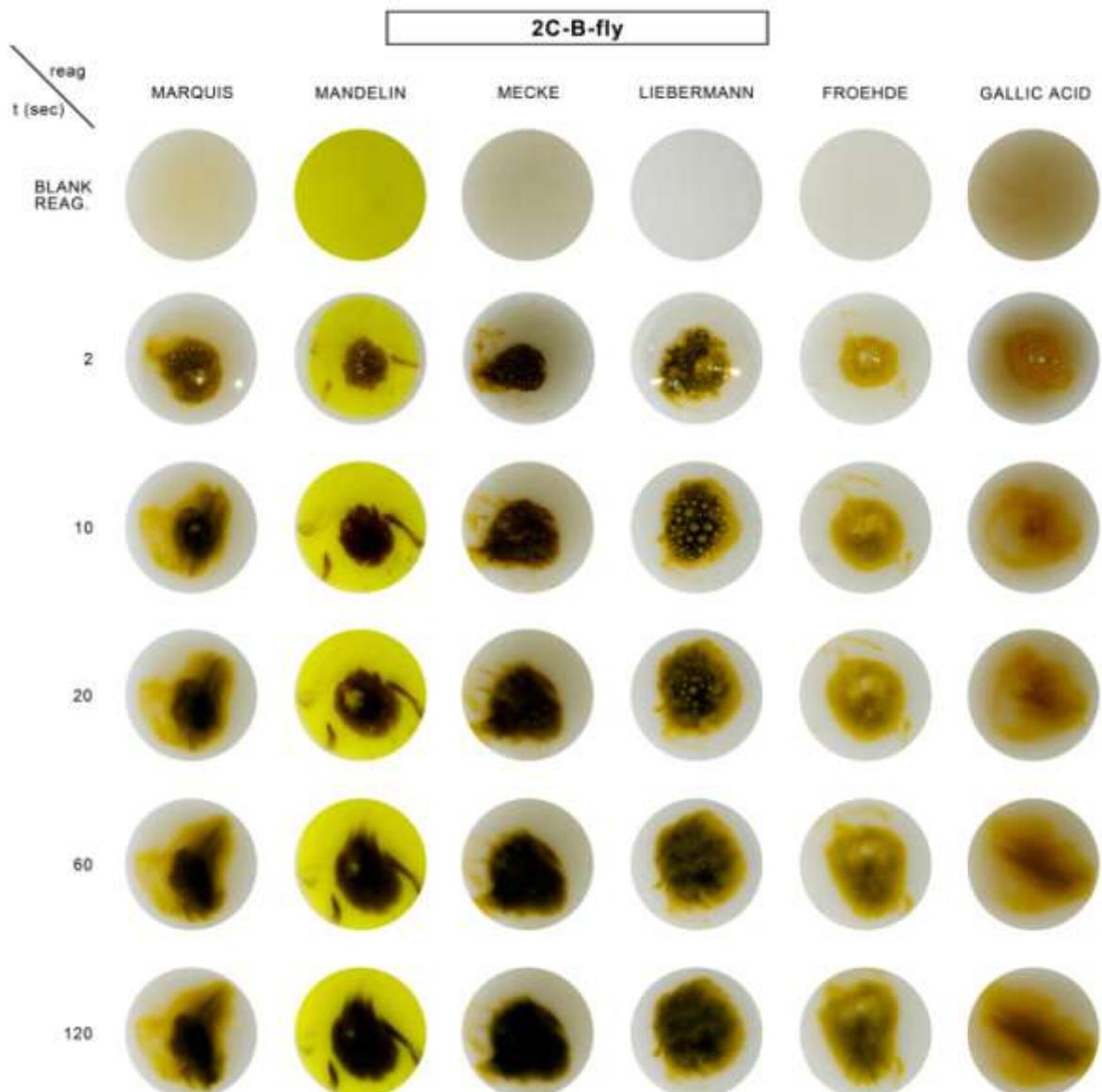
8.6. TMA-2



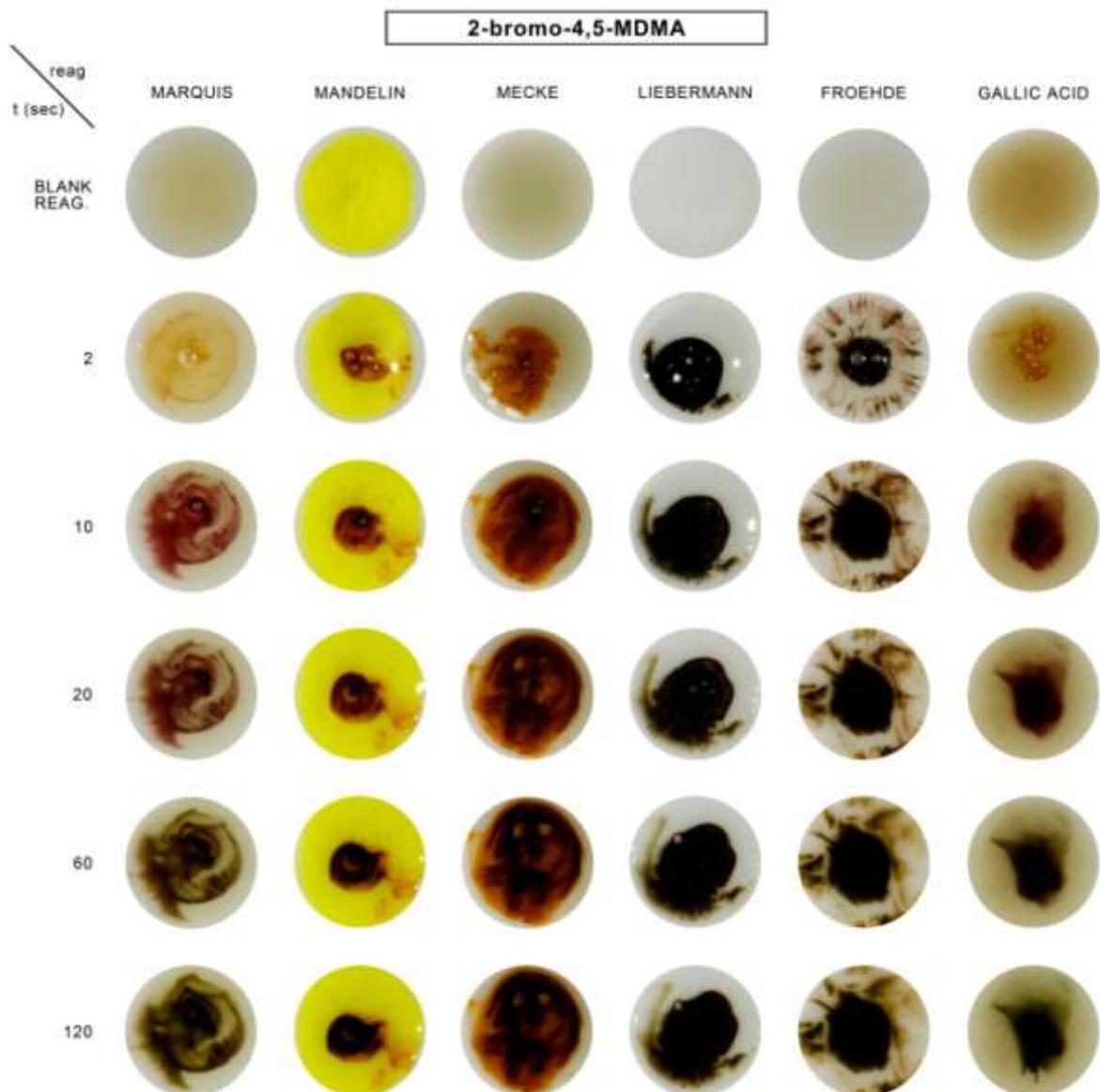
8.7.2C-TFM



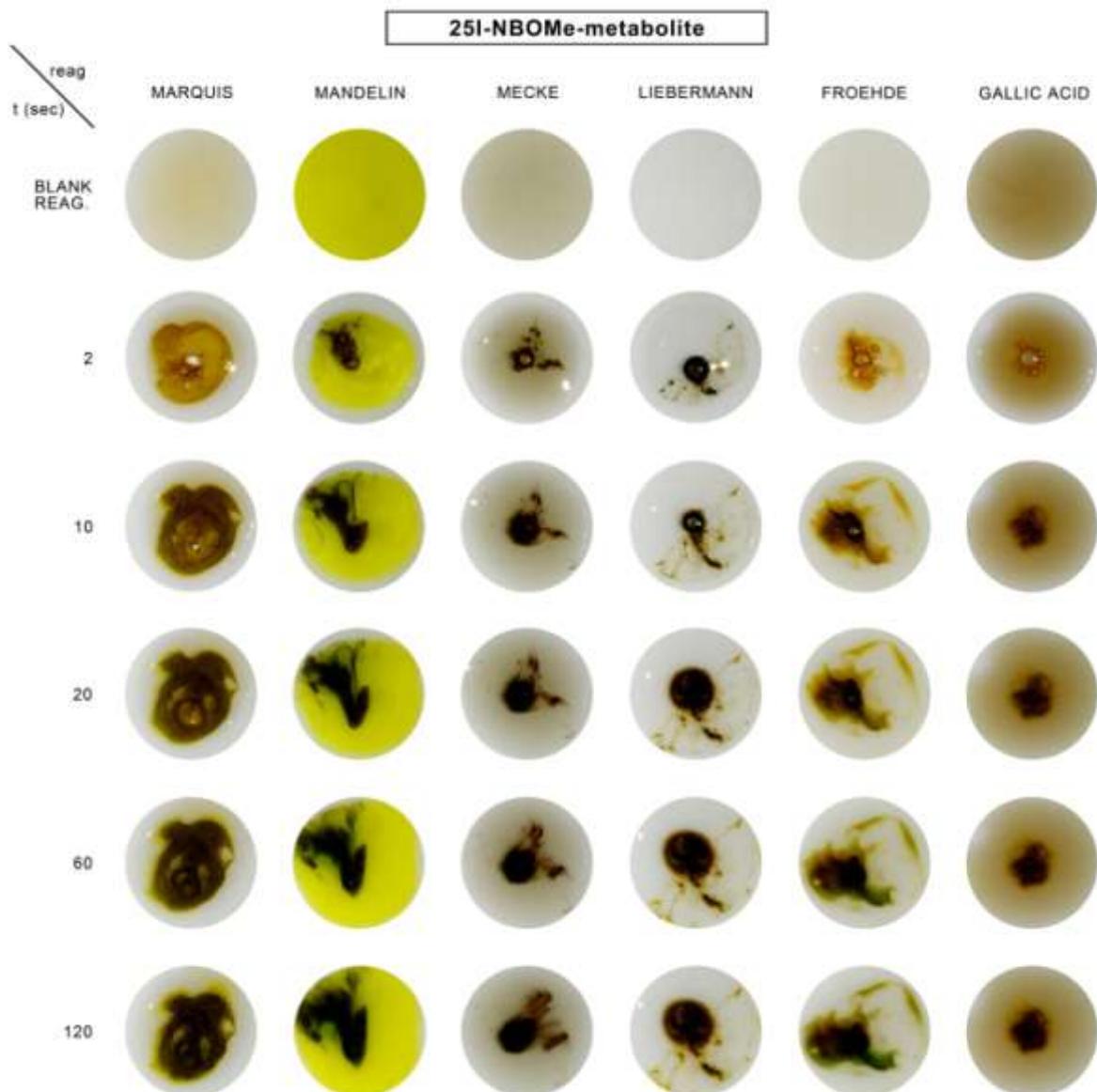
8.8. 2C-B-fly



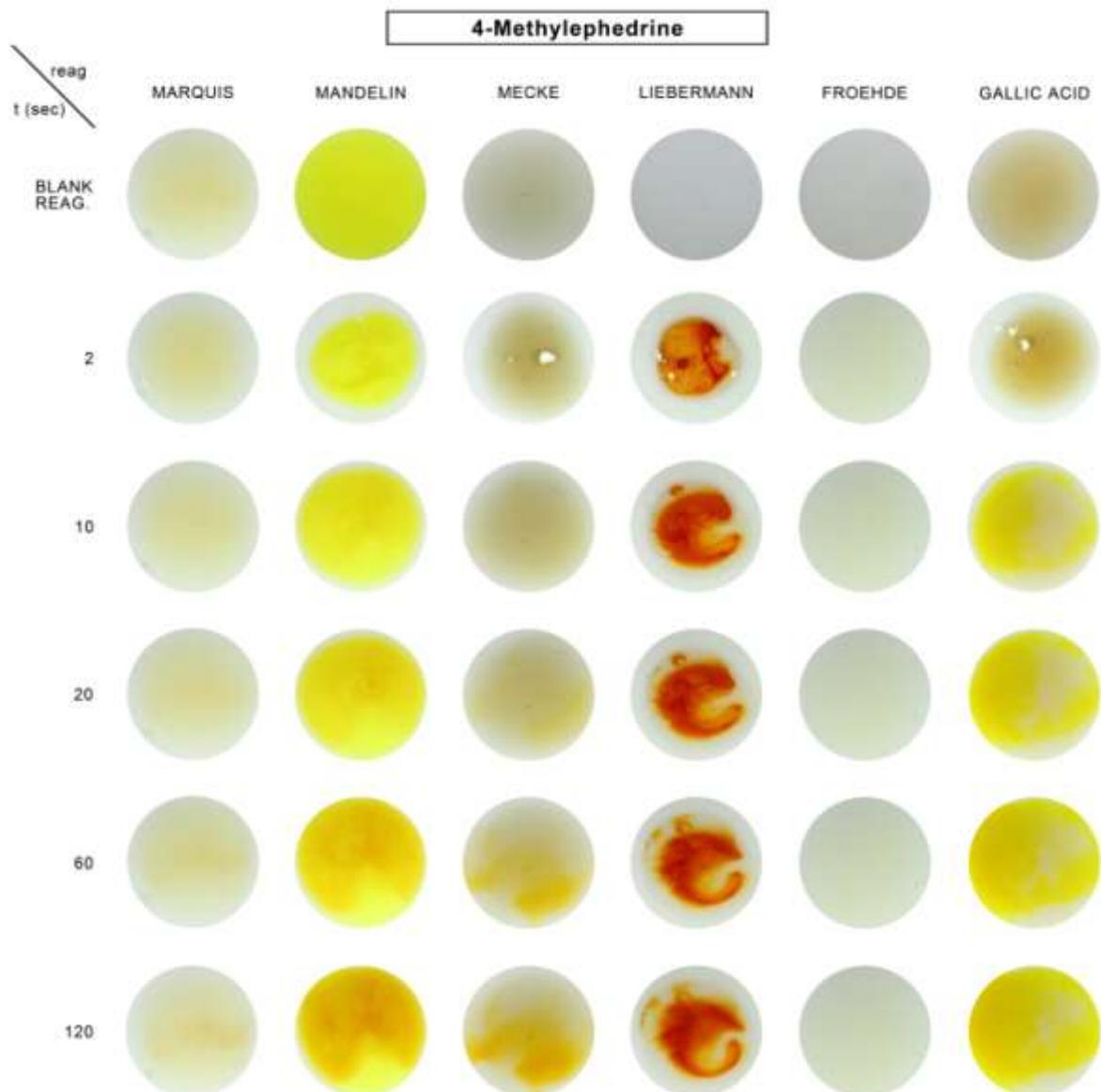
8.9. 2-bromo-4,5-MDMA



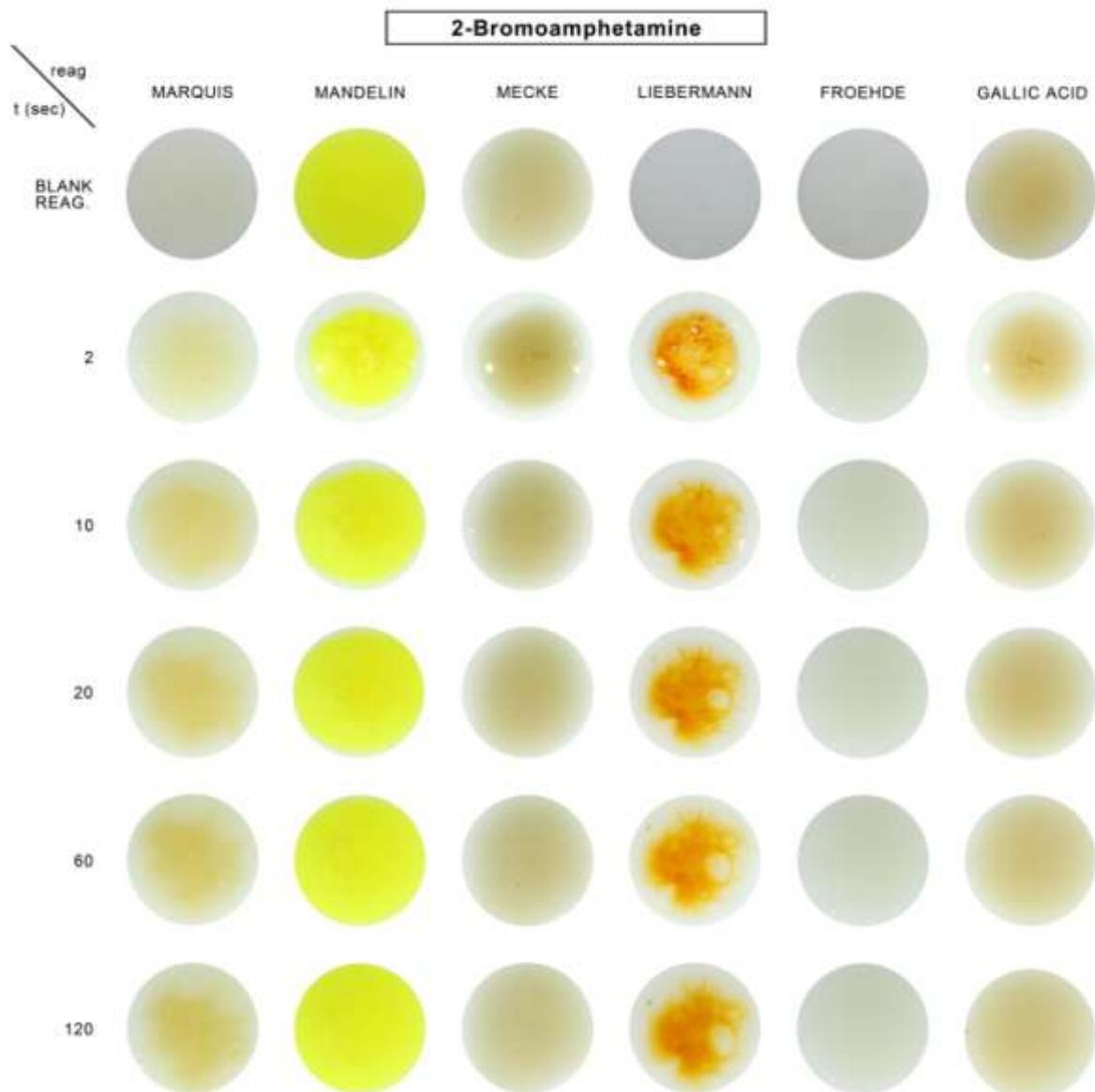
8.10. 25I-NBOMe-metabolite



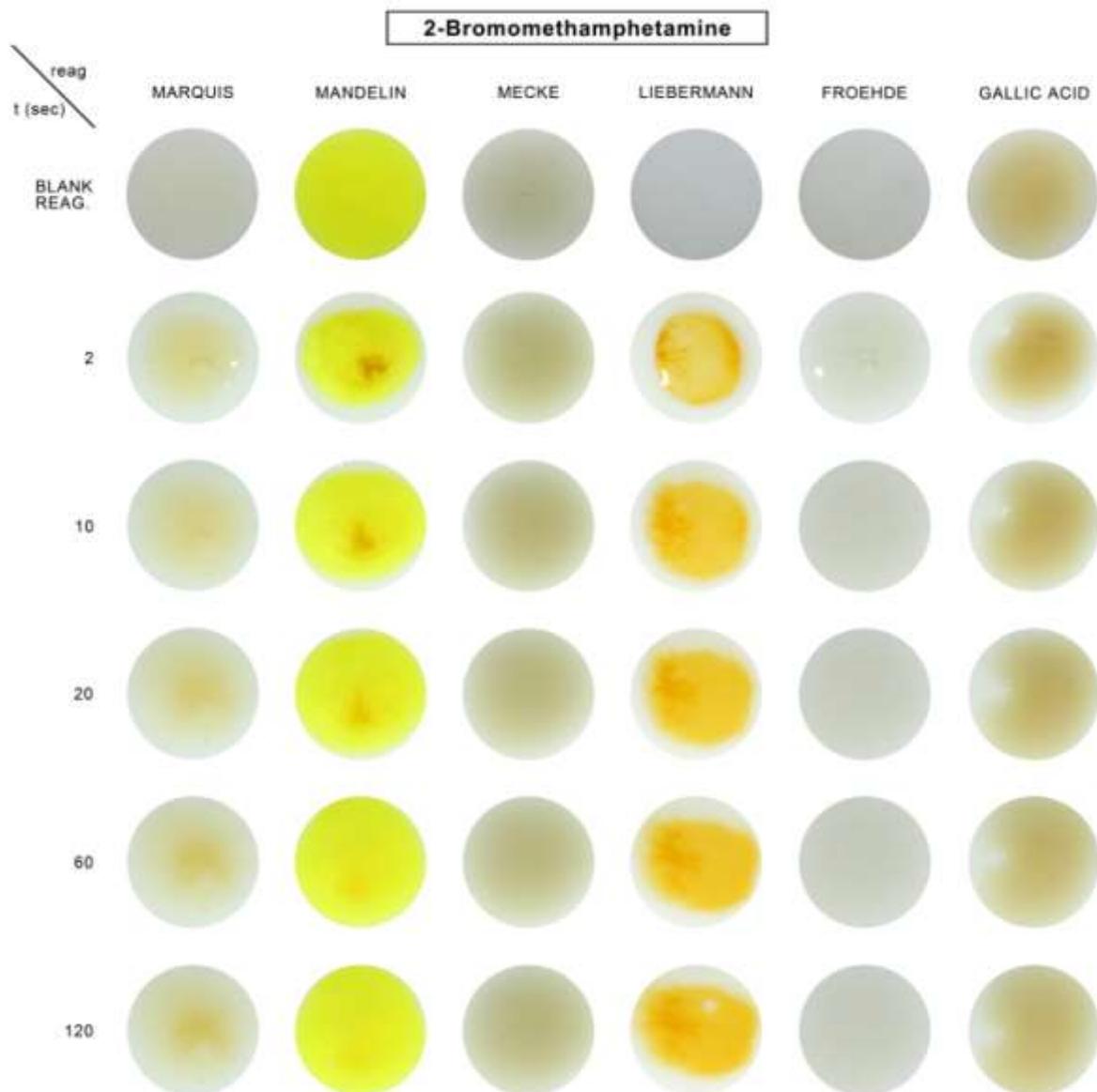
8.11. 4-Methylephedrine



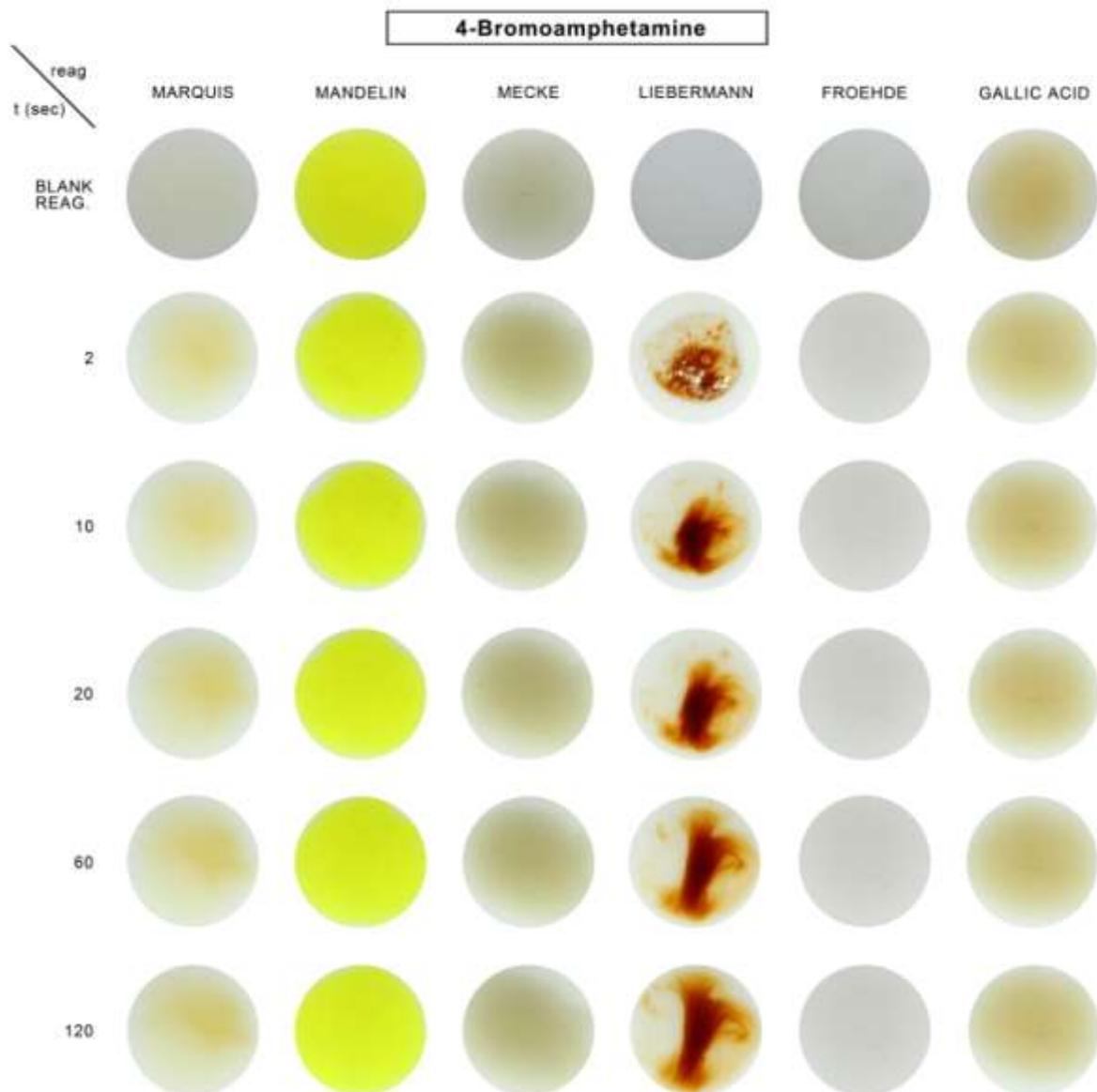
8.12. 2-Bromoamphetamine



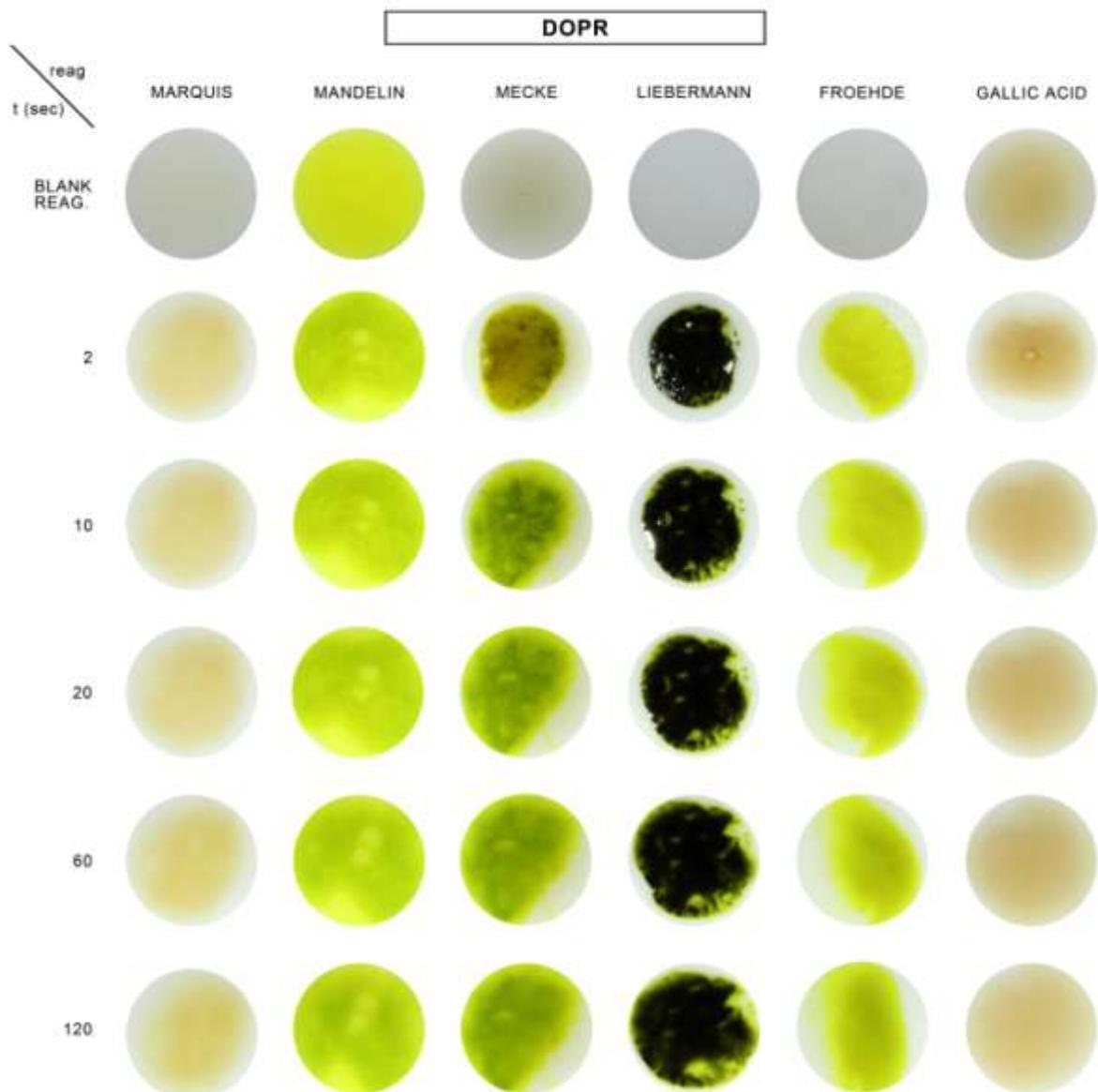
8.13. 2-Bromomethamphetamine



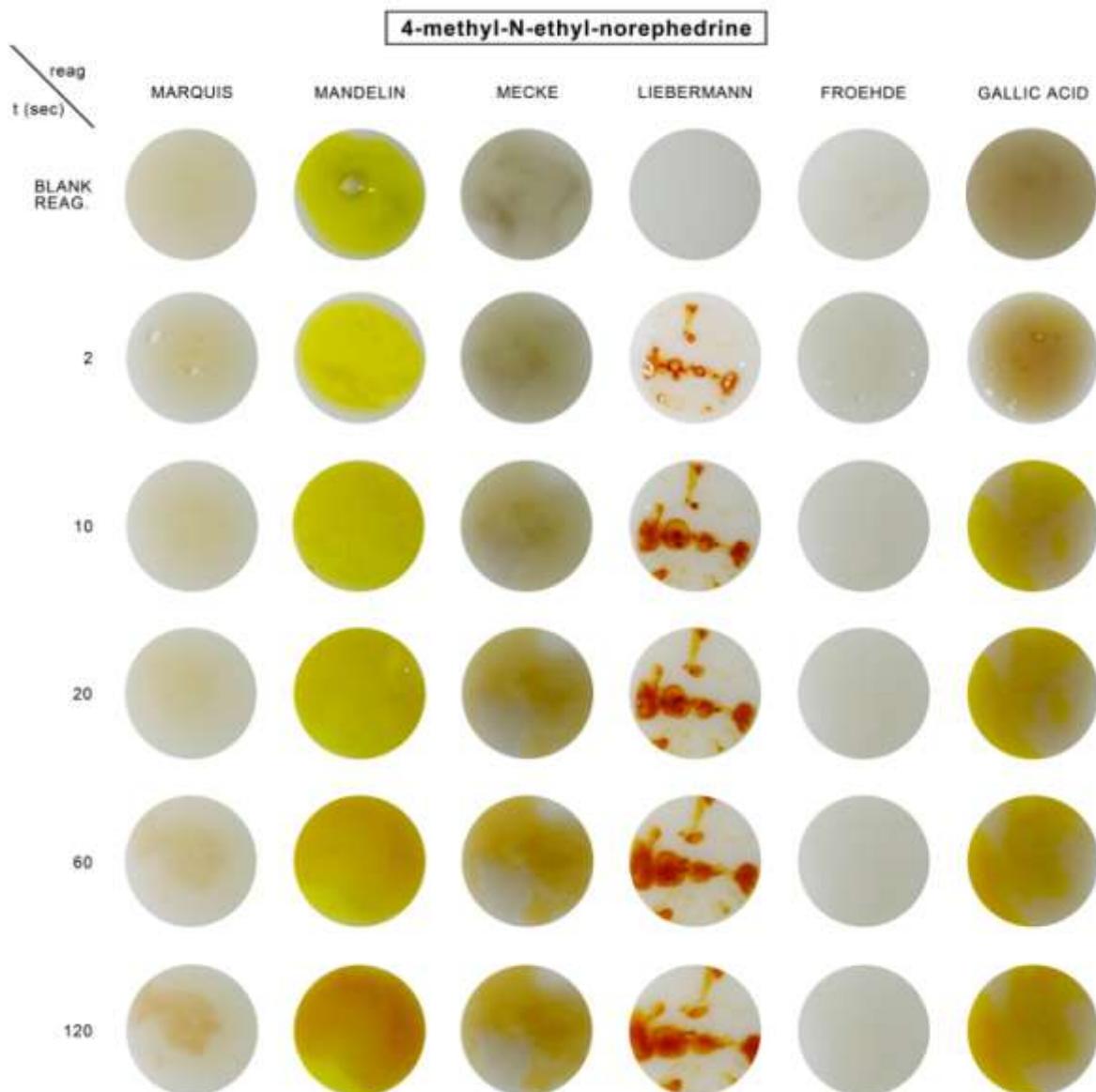
8.14. 4-Bromoamphetamine



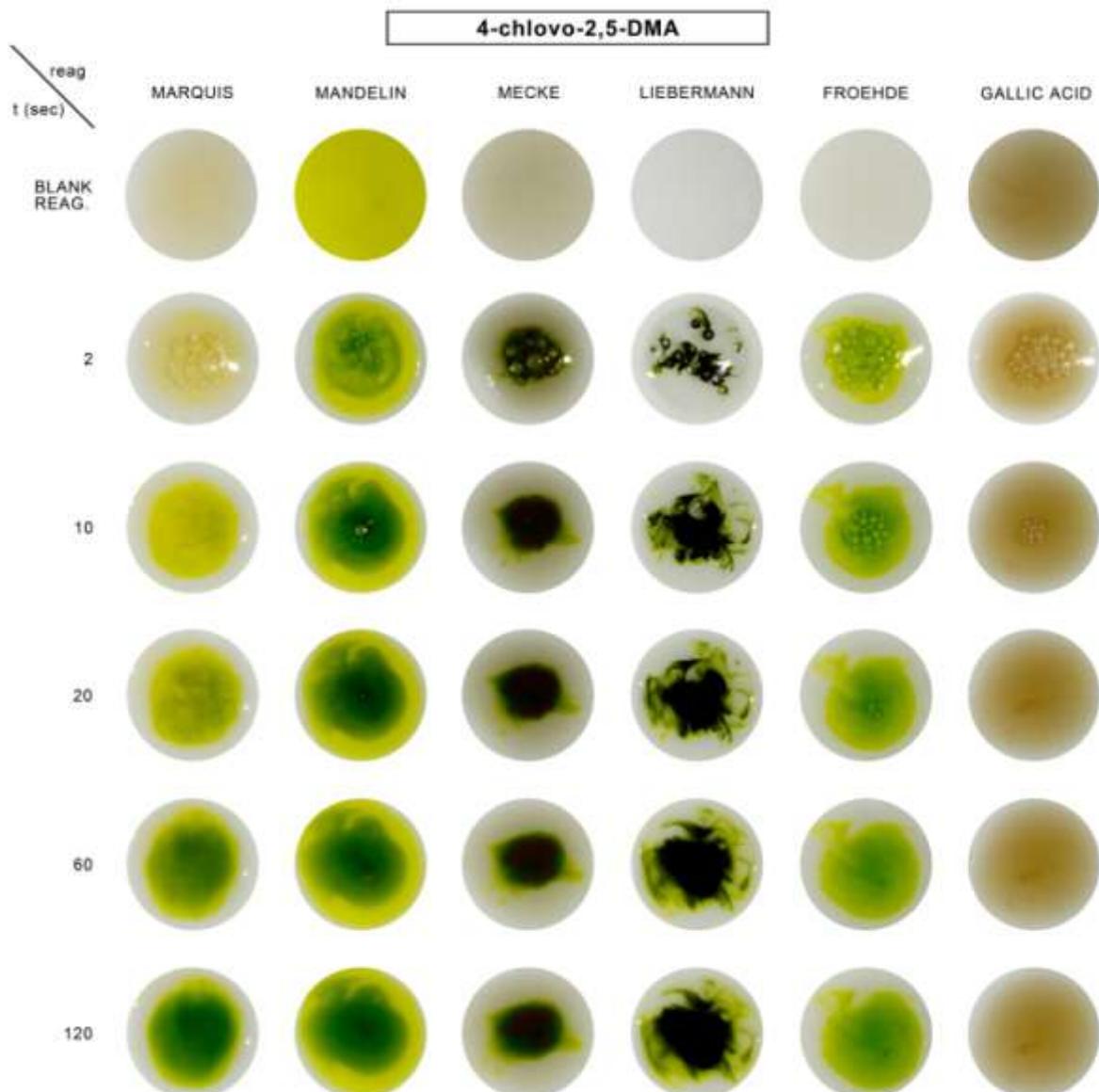
8.15. DOPR



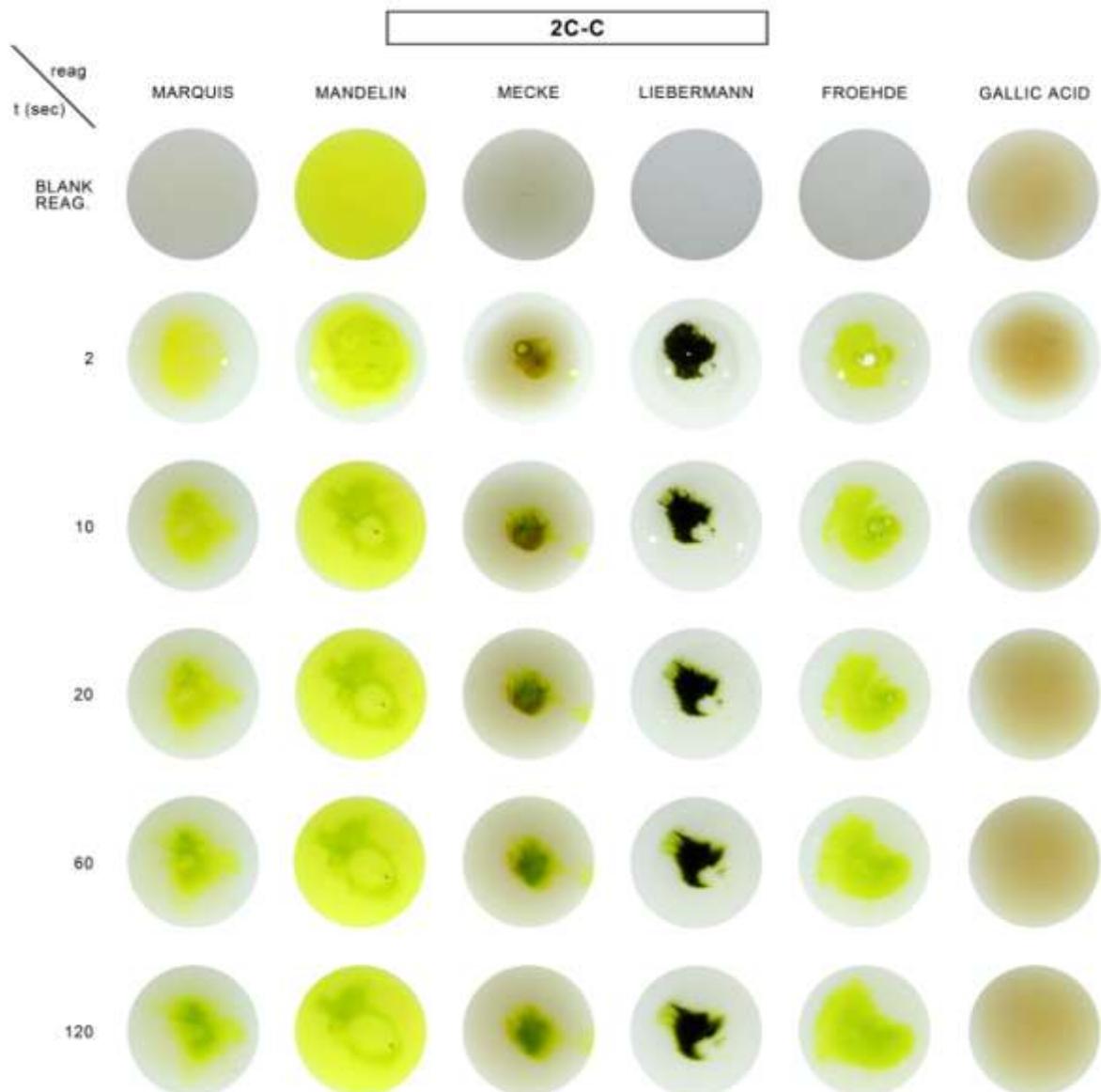
8.16. 4-methyl-N-ethyl-norephedrine



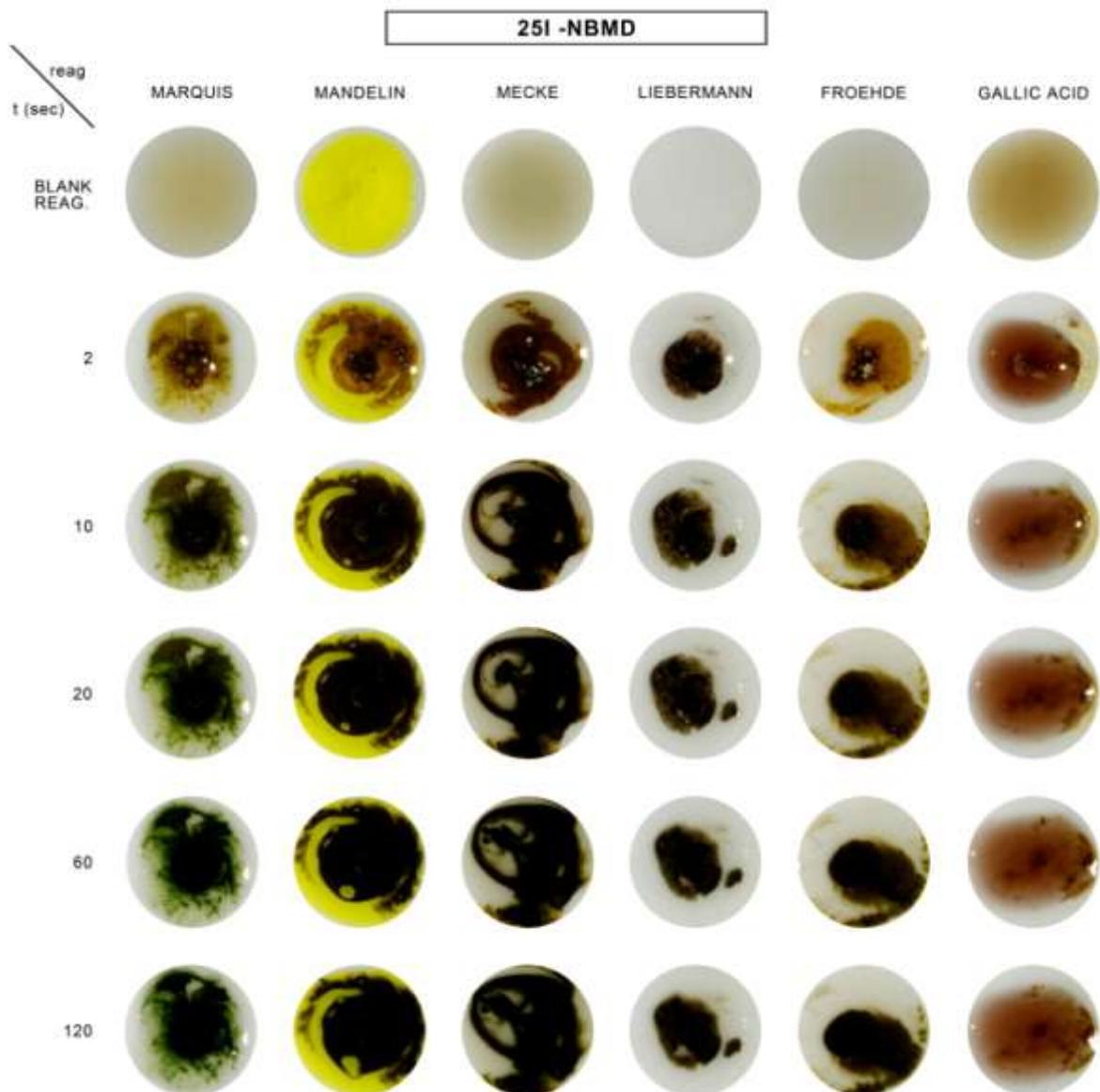
8.17. 4-chloro-2,5-DMA



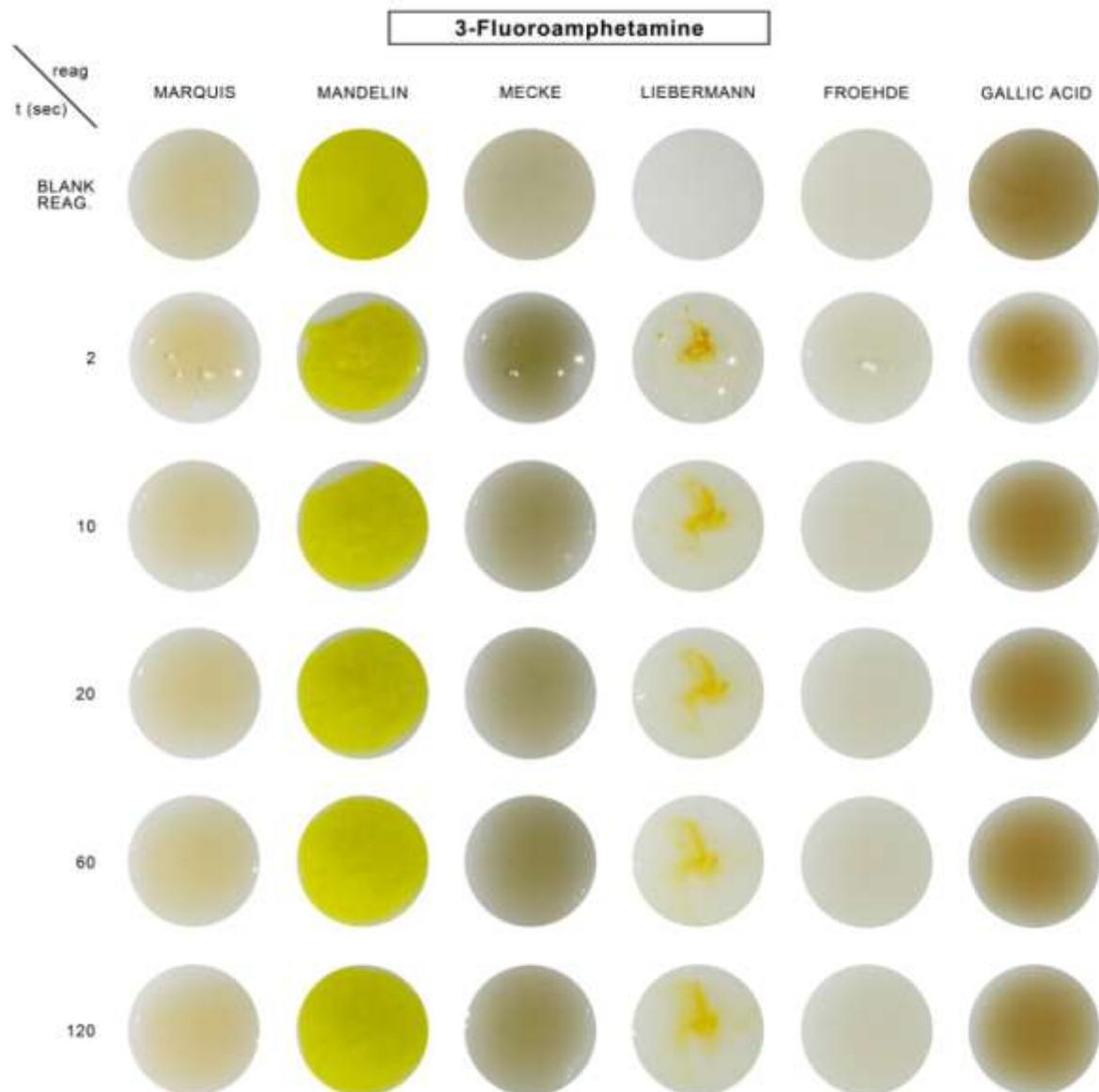
8.18. 2C-C



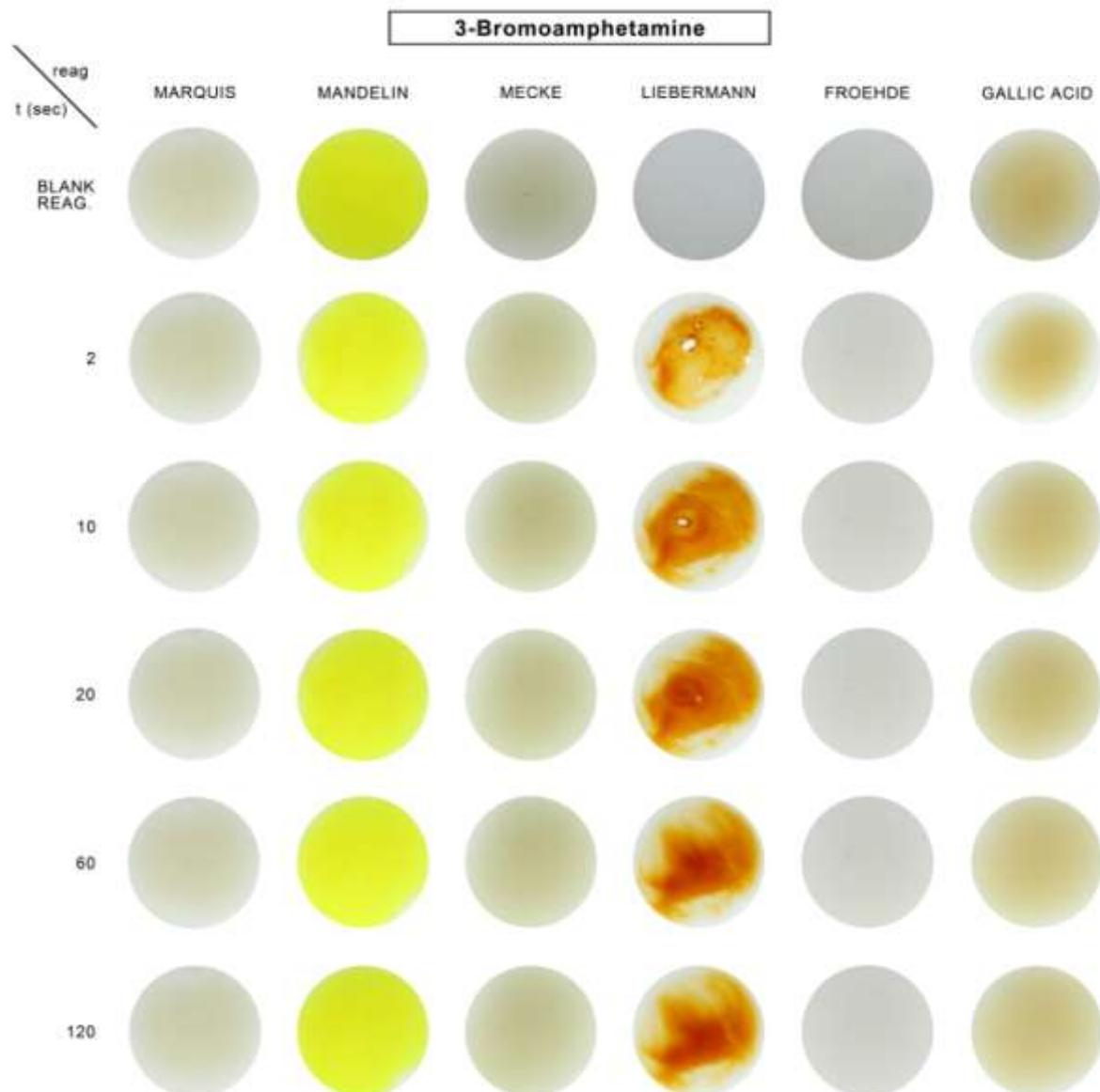
8.19. 25I-NBMD



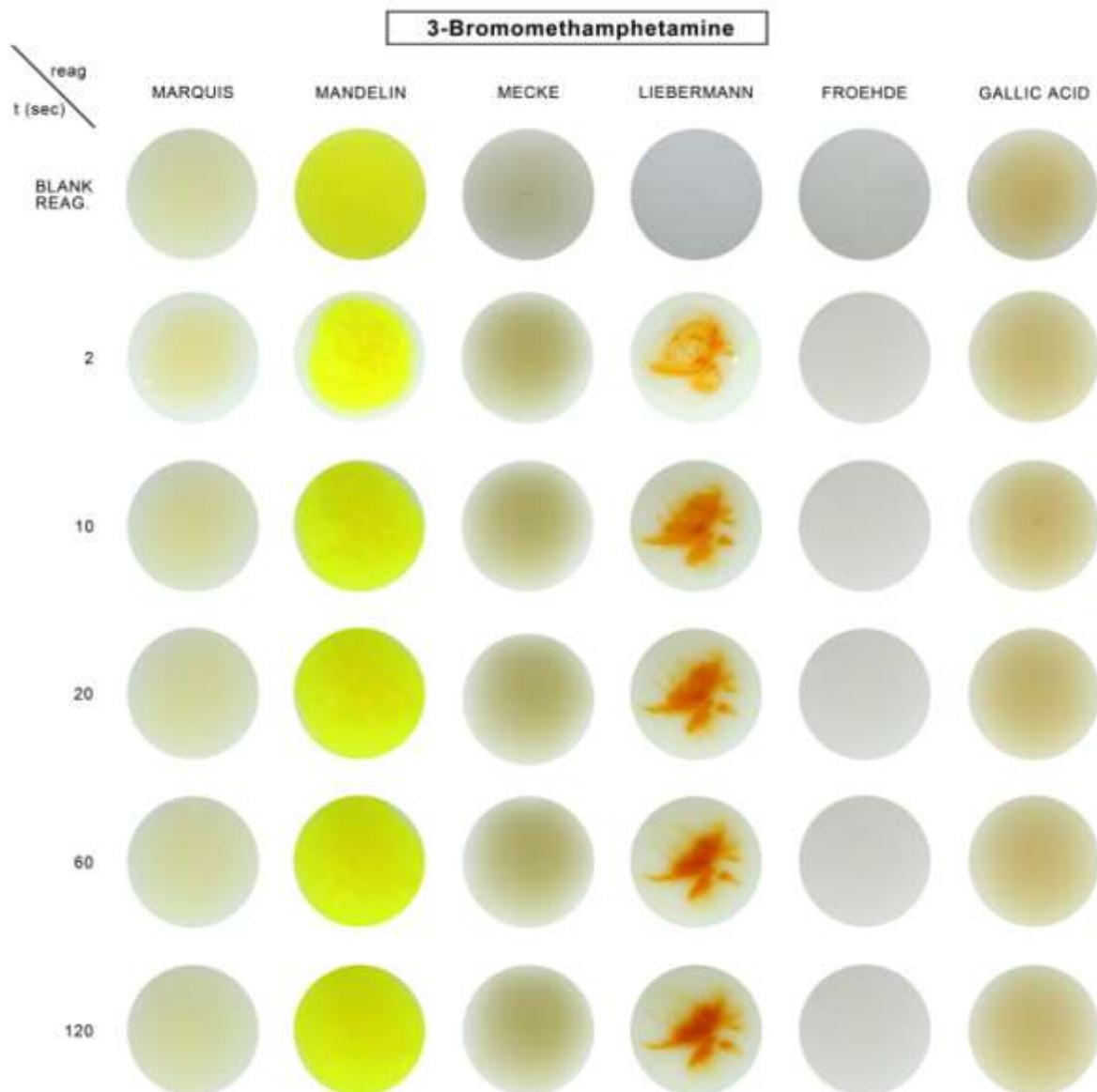
8.20. 3-Fluoroamphetamine



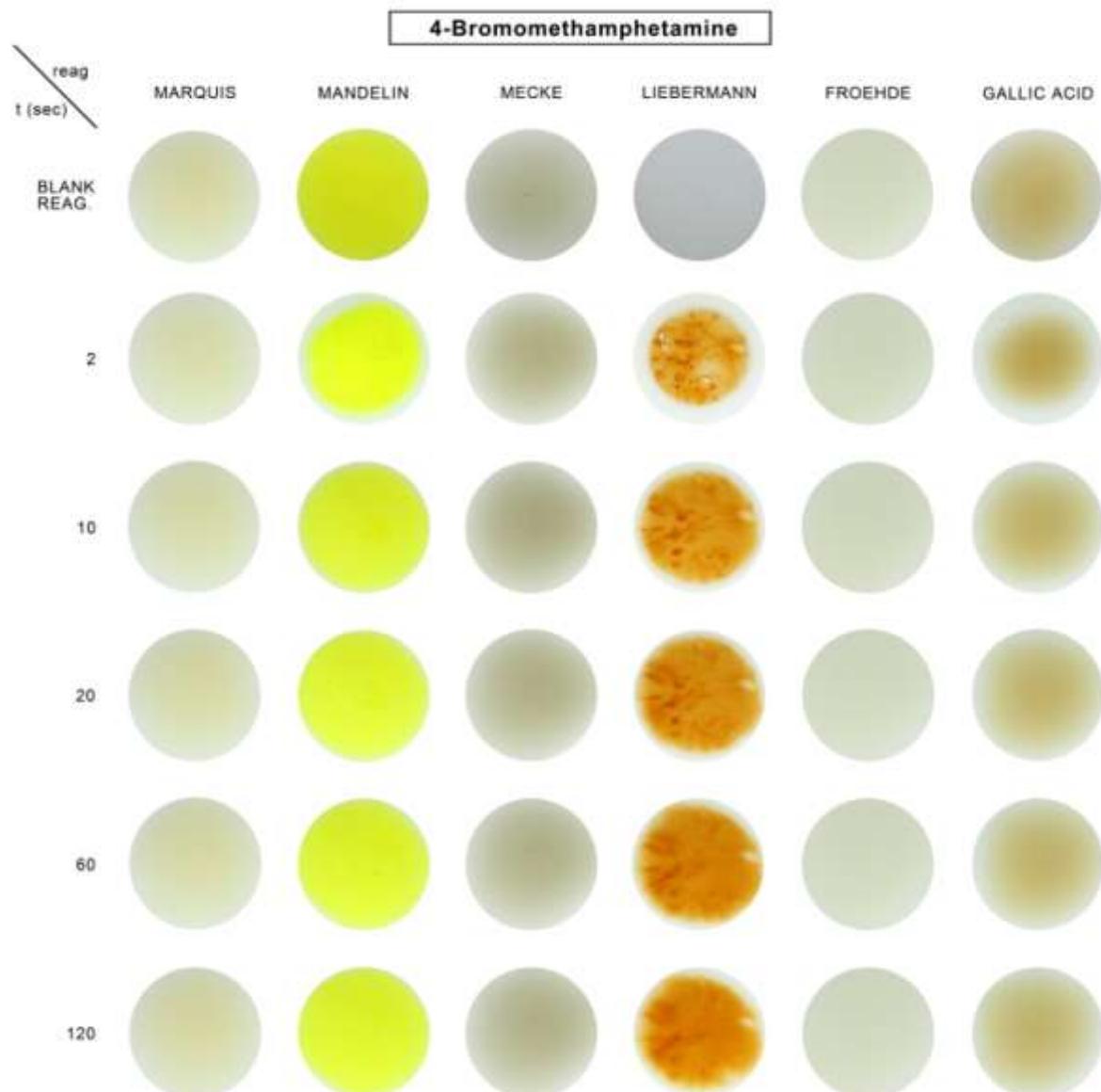
8.21. 3-Bromoamphetamine



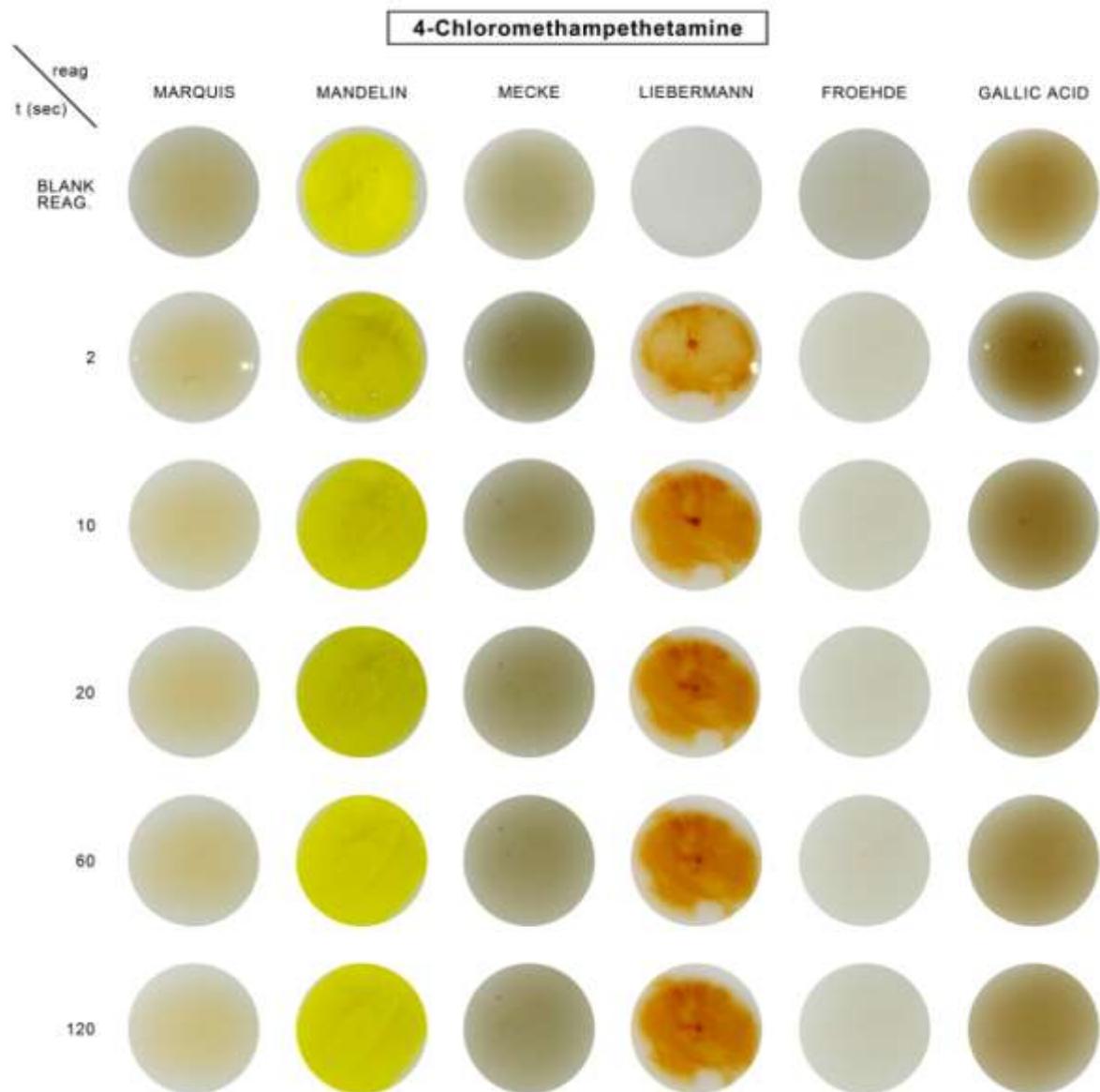
8.22. 3-Bromomethamphetamine



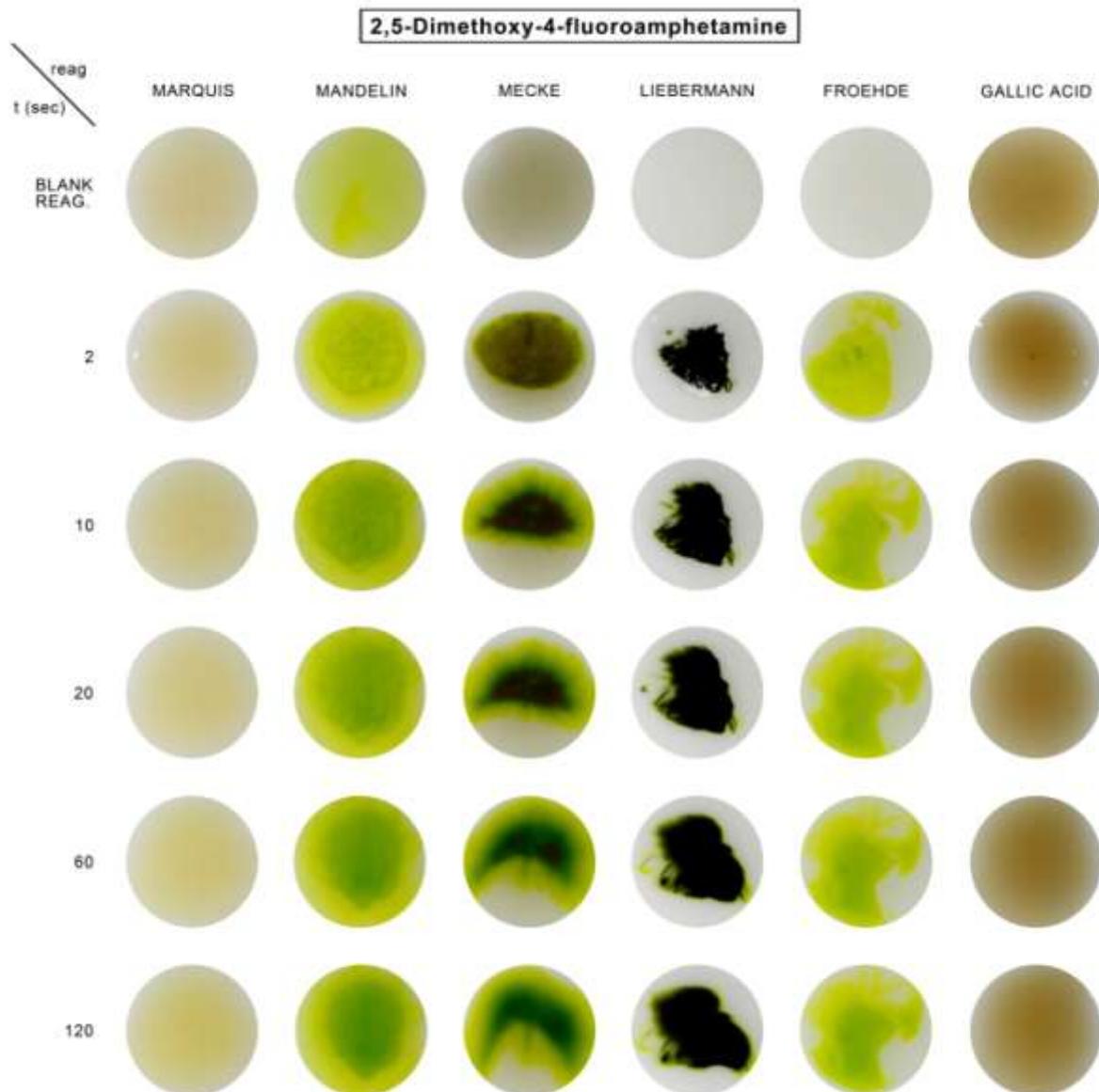
8.23. 4-Bromomethamphetamine



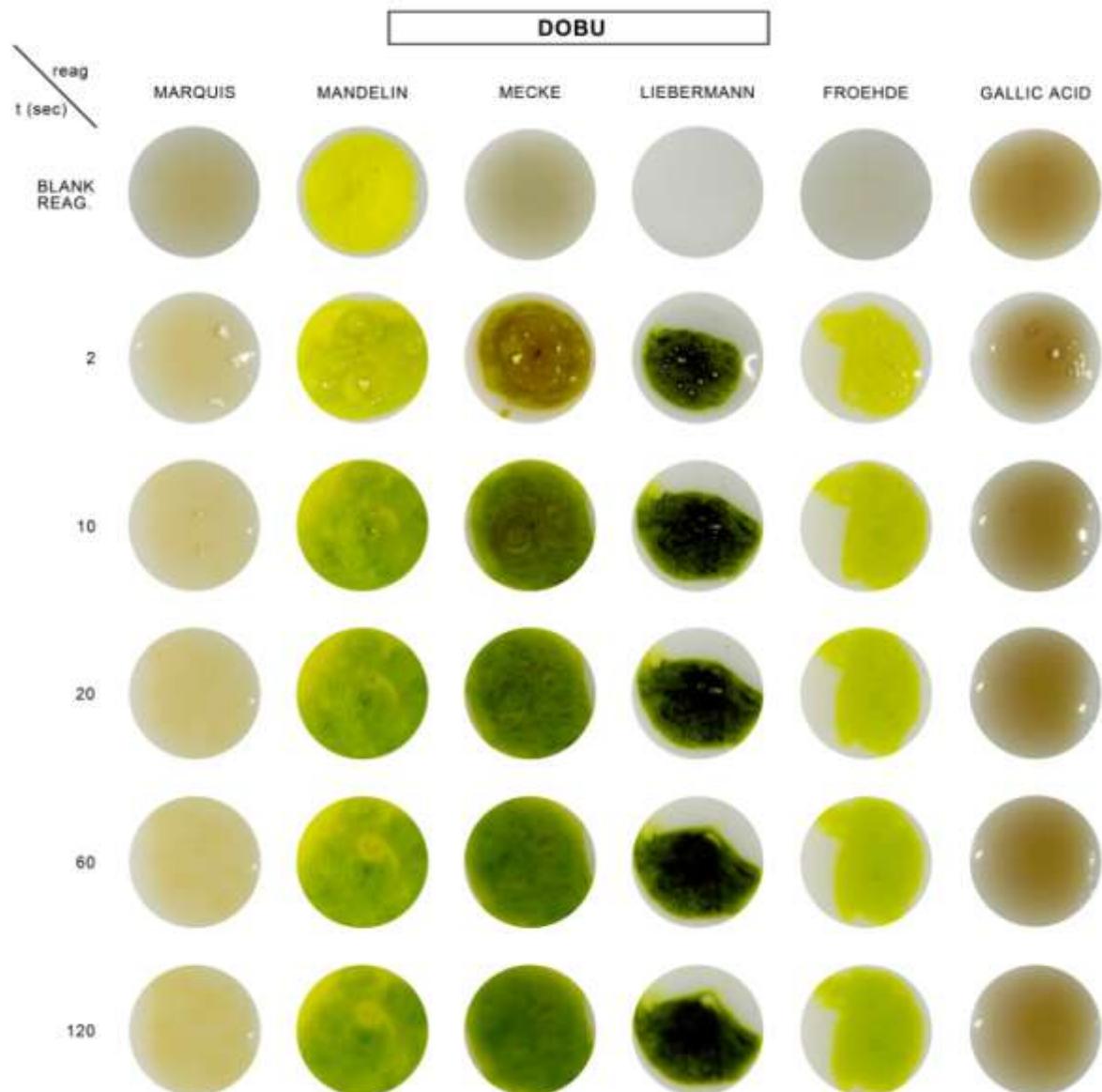
8.24. 4-Chloromethamphetamine



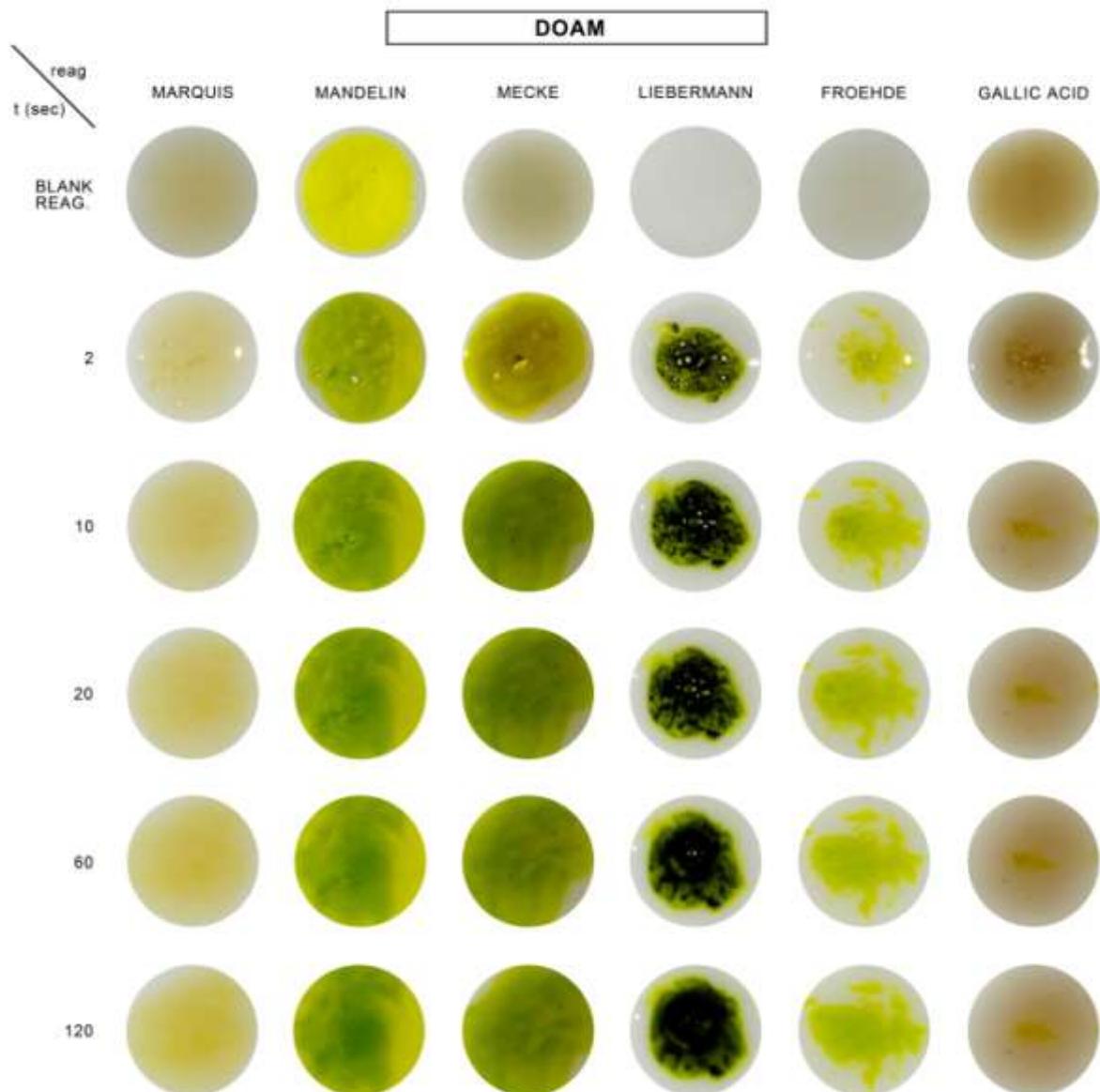
8.25. DOF



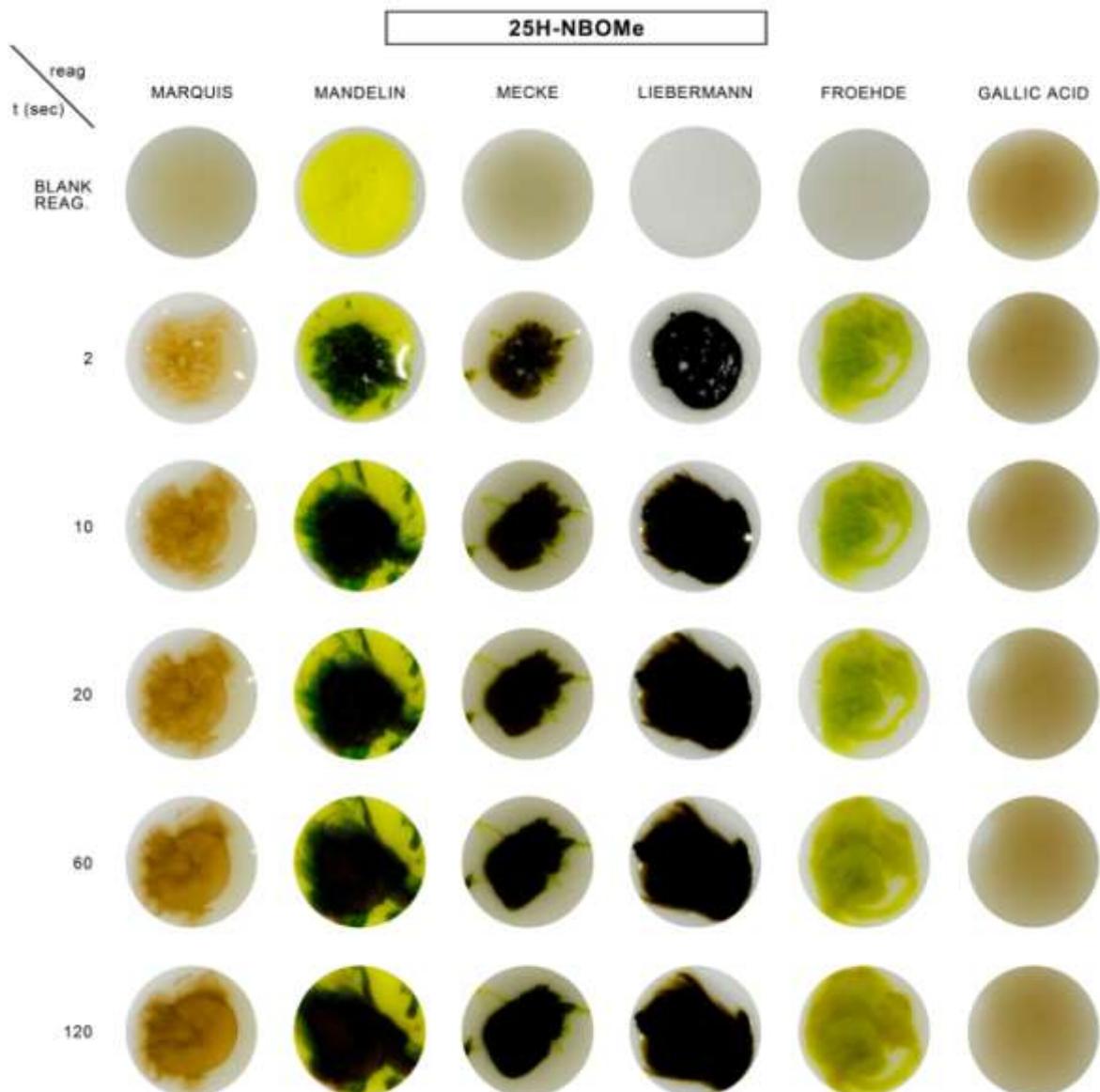
8.26. DOBU



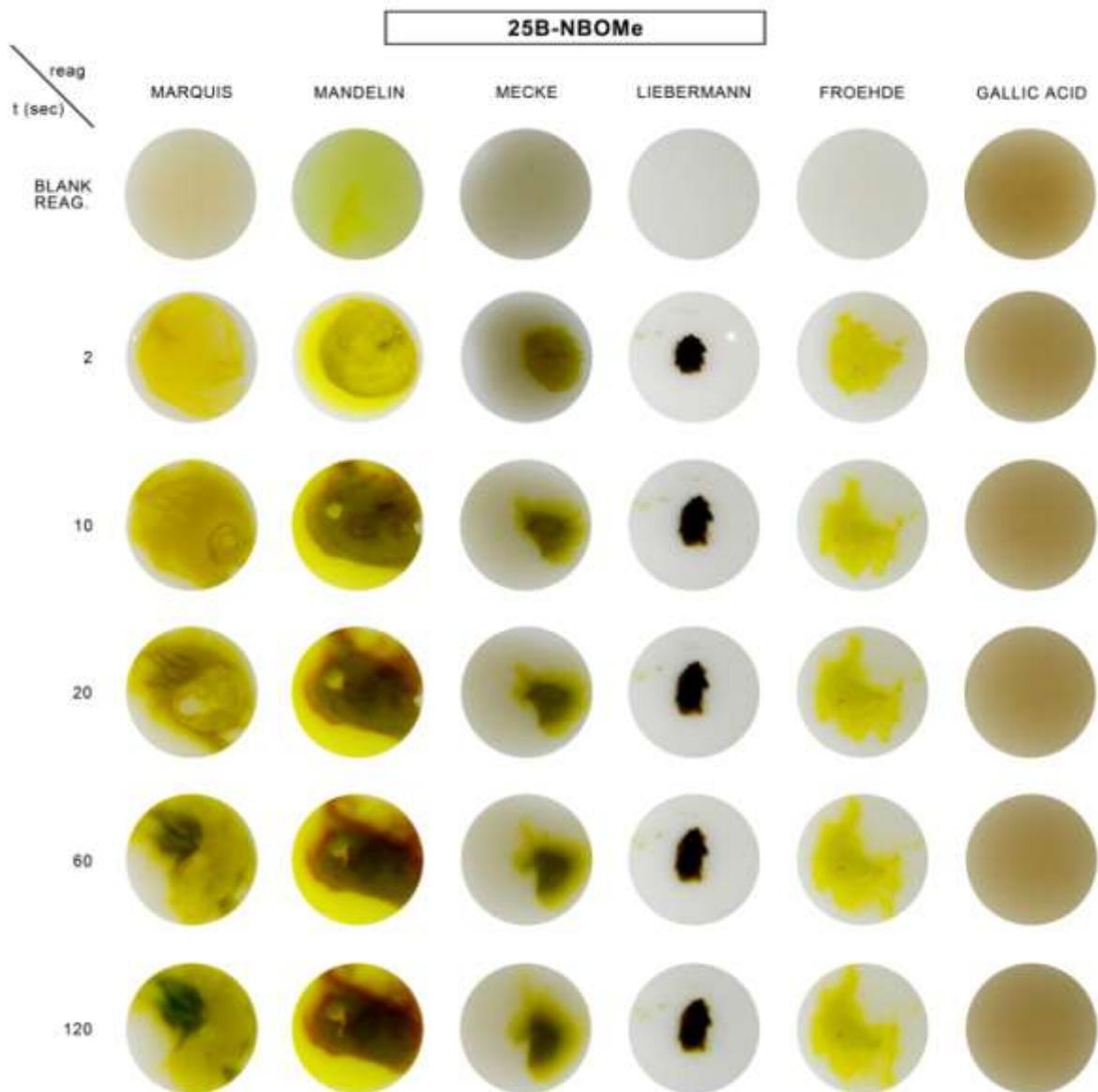
8.27. DOAM



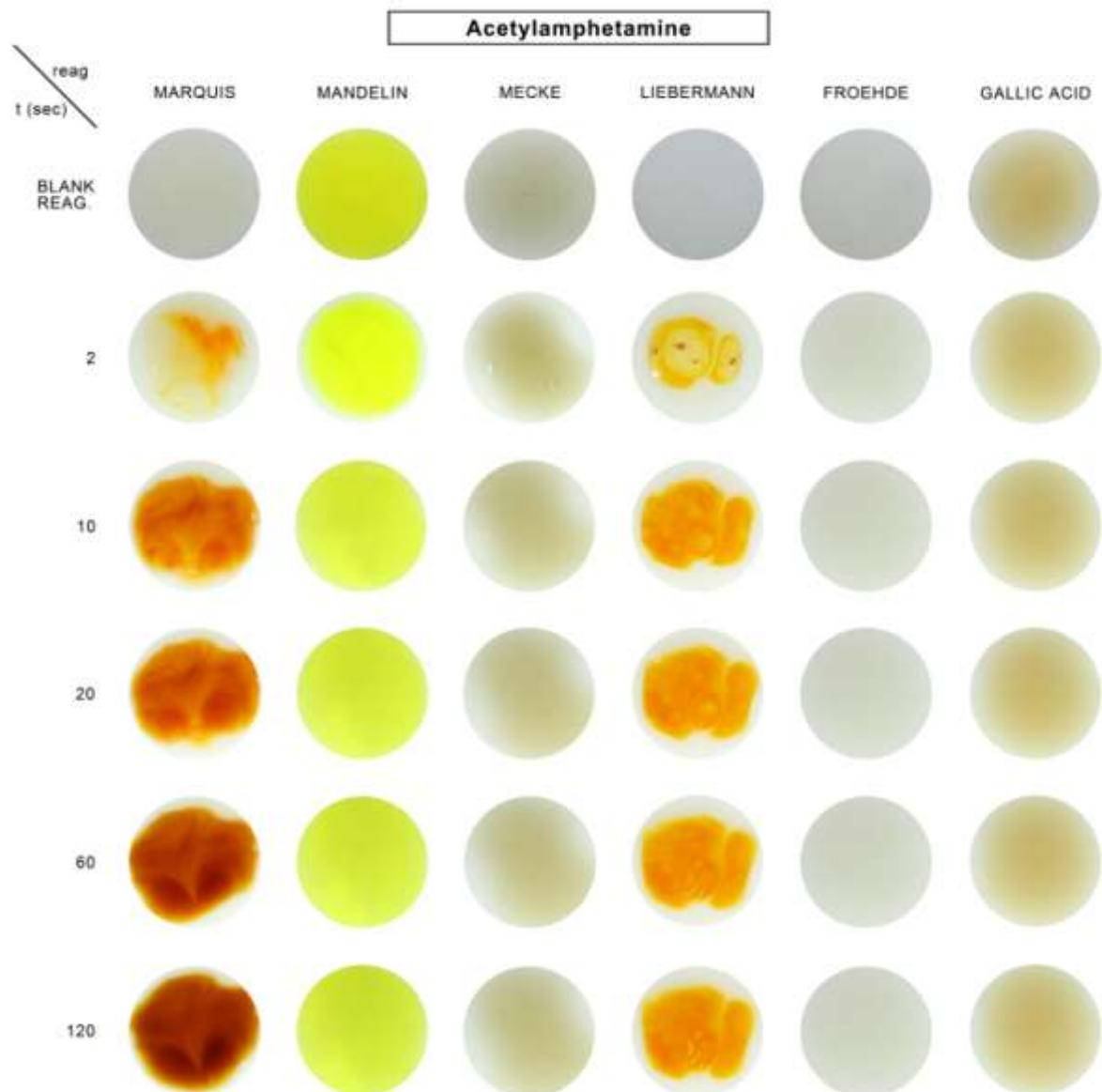
8.28. 25H-NBOMe



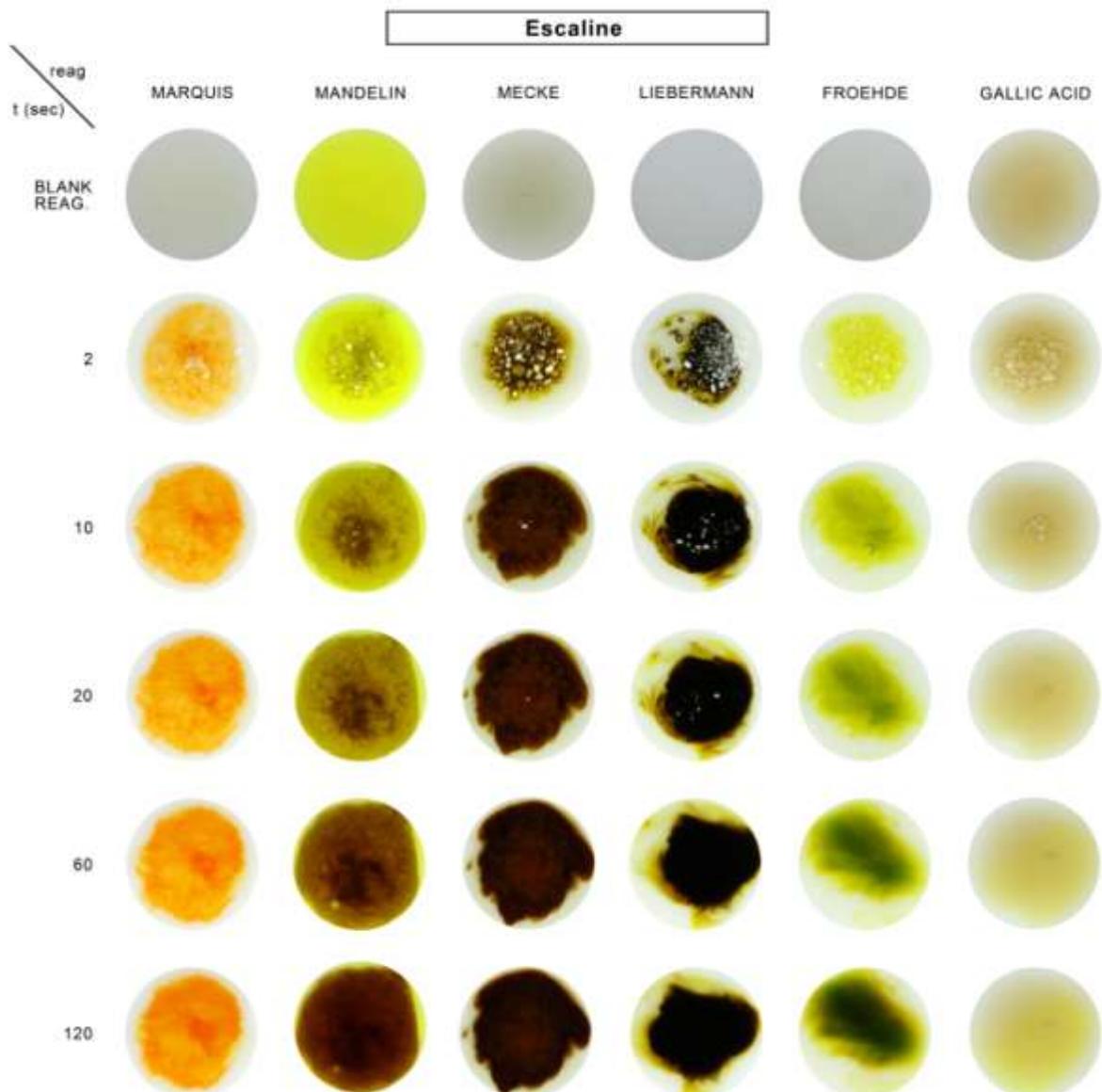
8.29. 25B-NBOMe



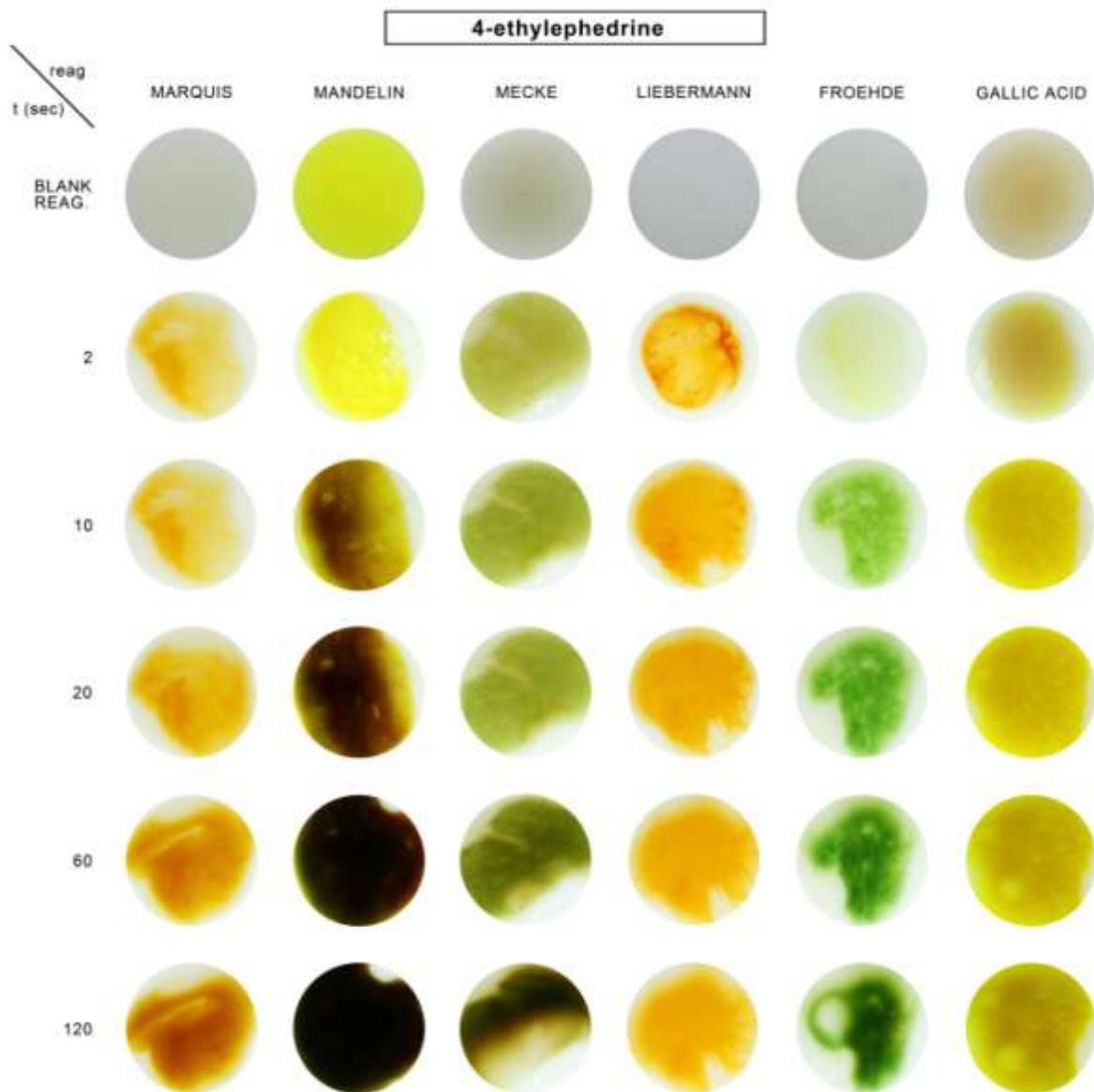
8.30. Acetylamphetamine



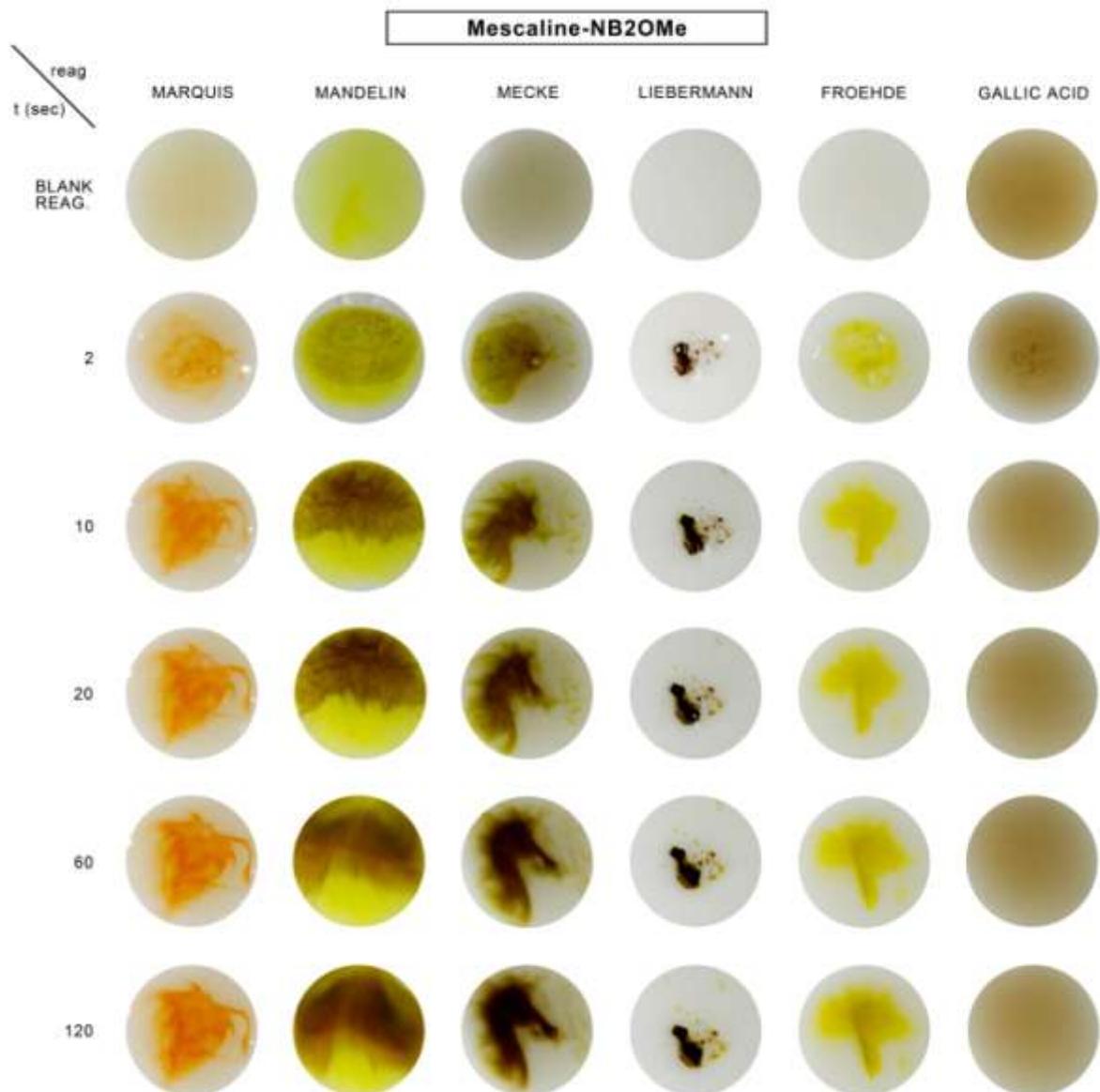
8.31. Escaline



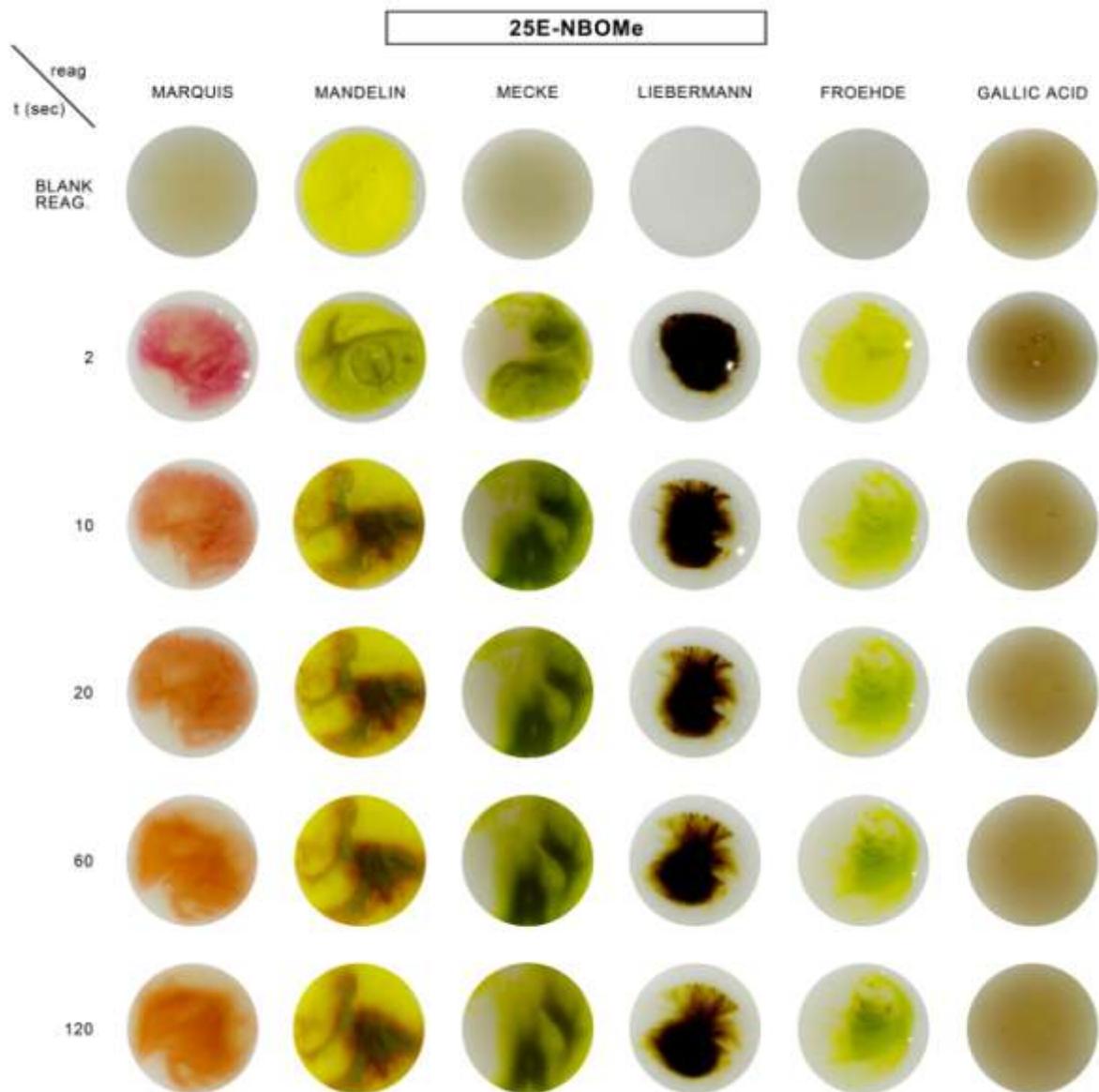
8.32. 4-ethylephedrine



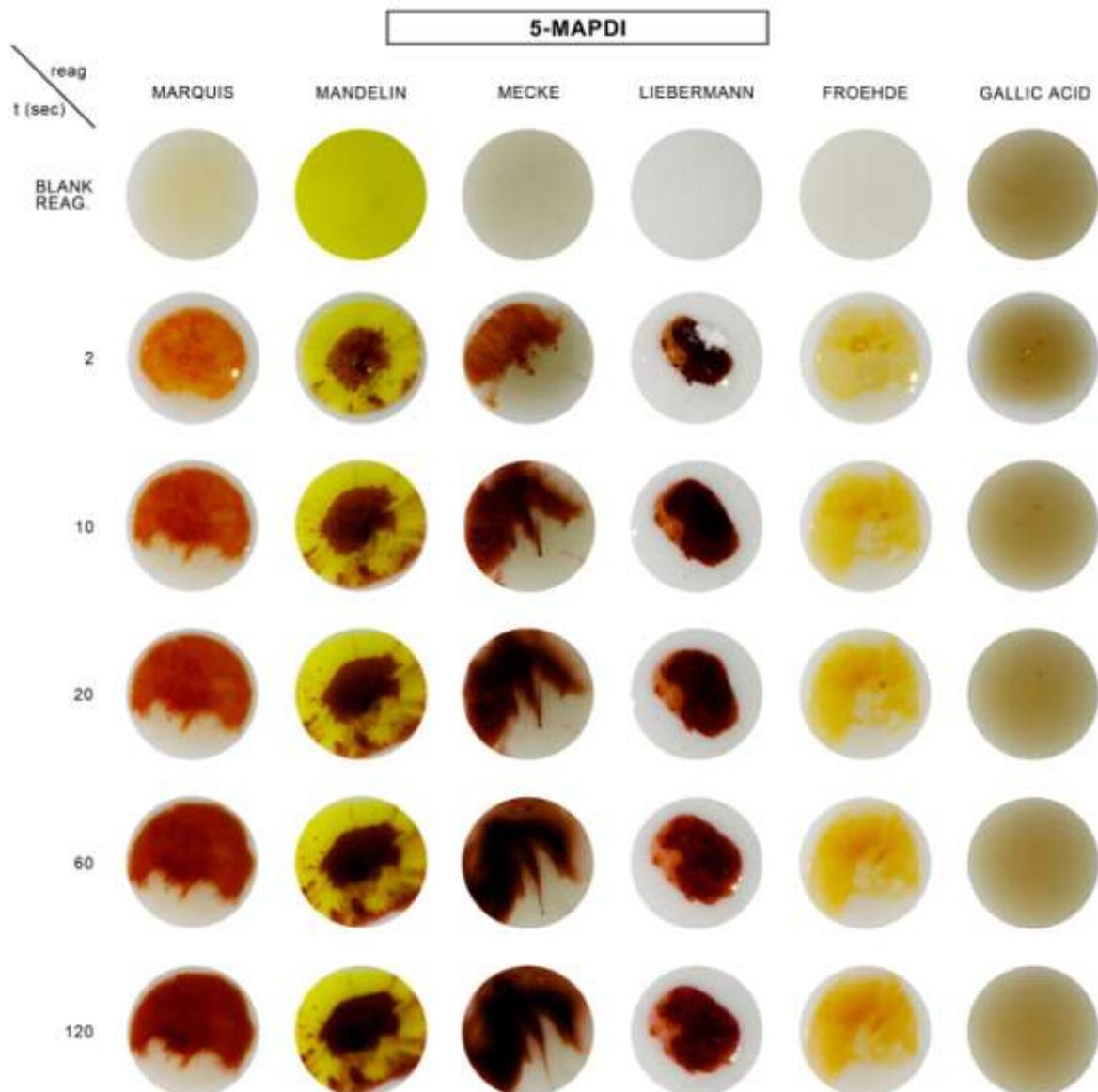
8.33. Mescaline-NB2OMe



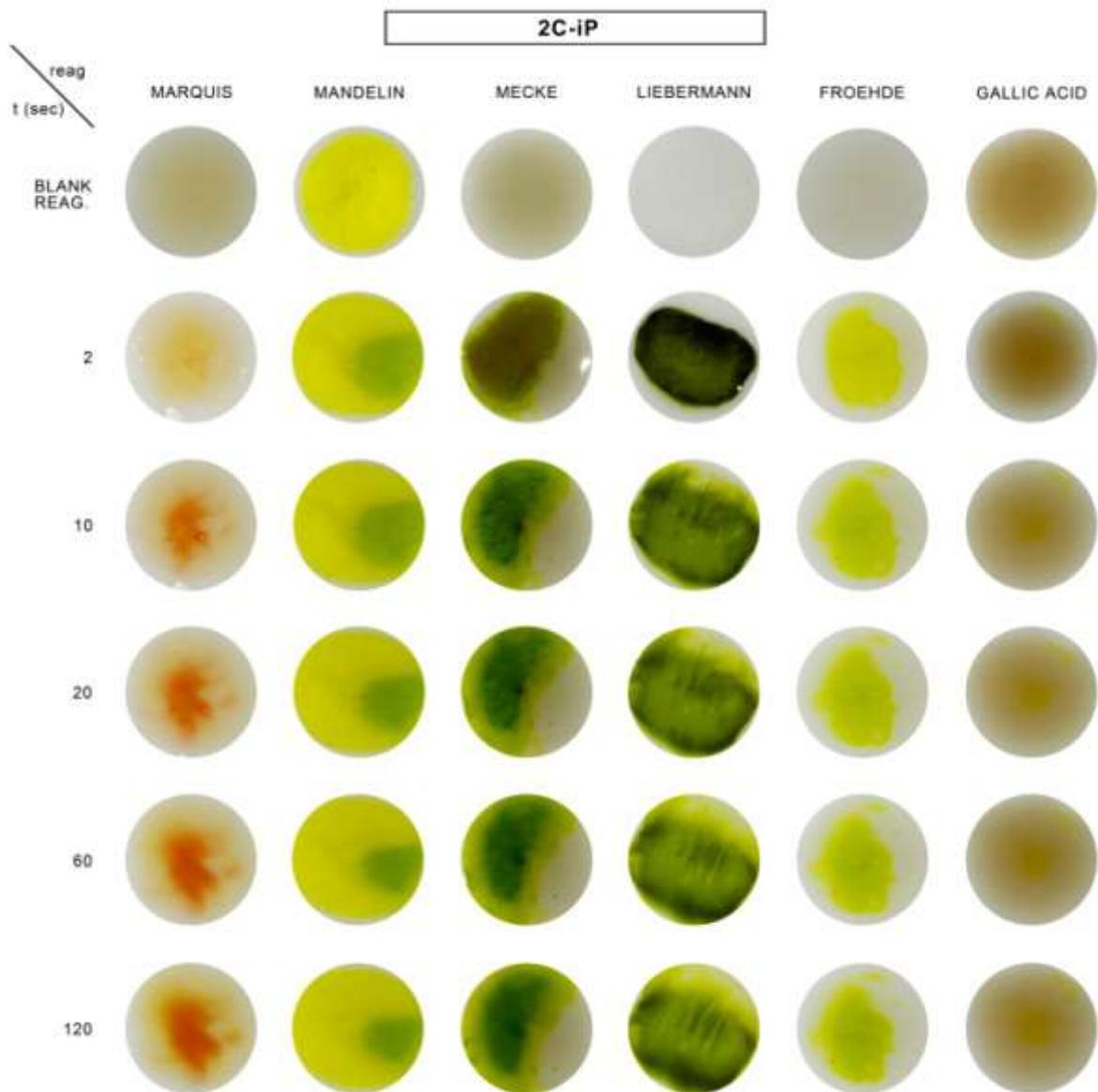
8.34. 25E-NBOMe



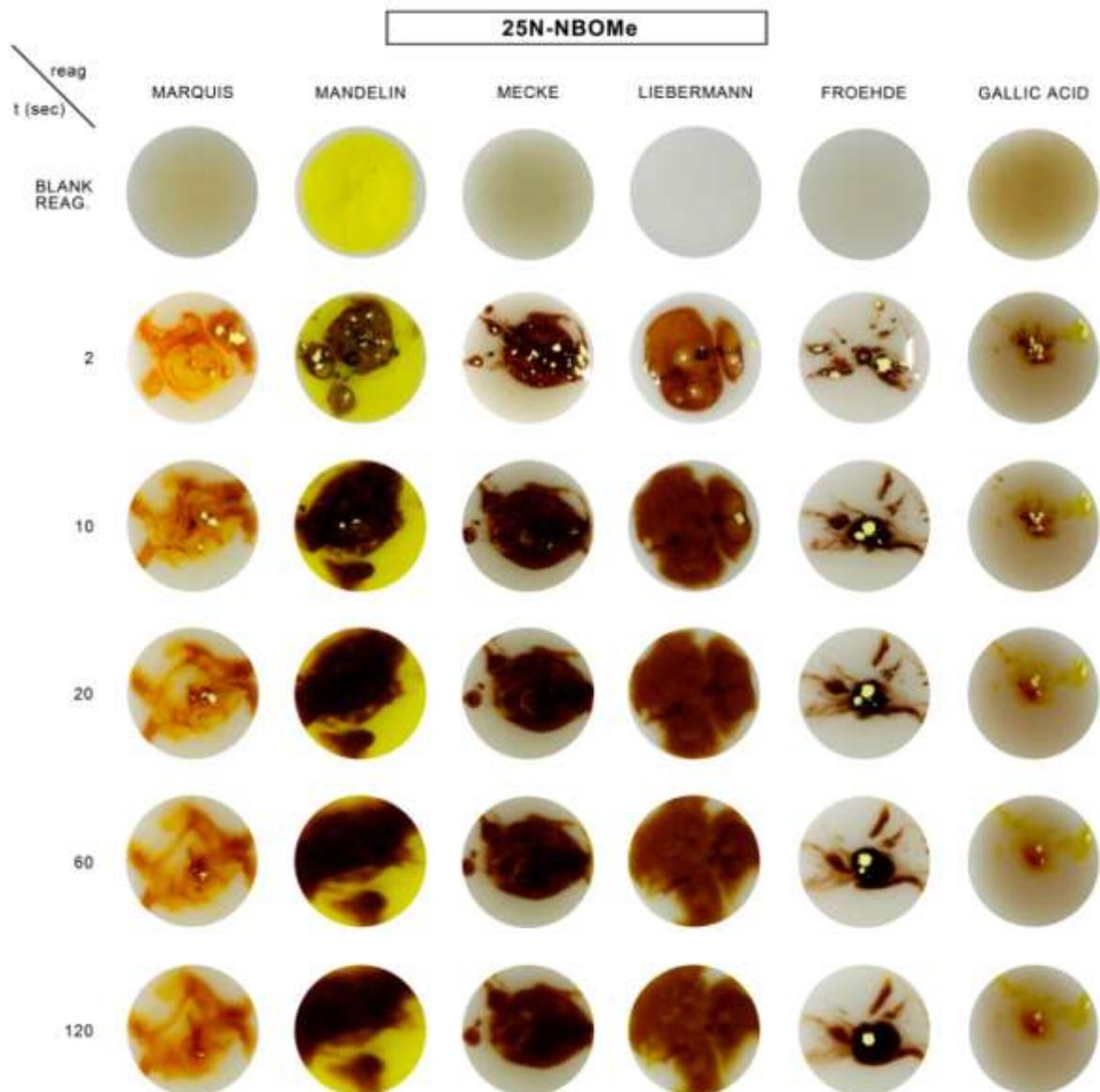
8.35. 5-MAPDI



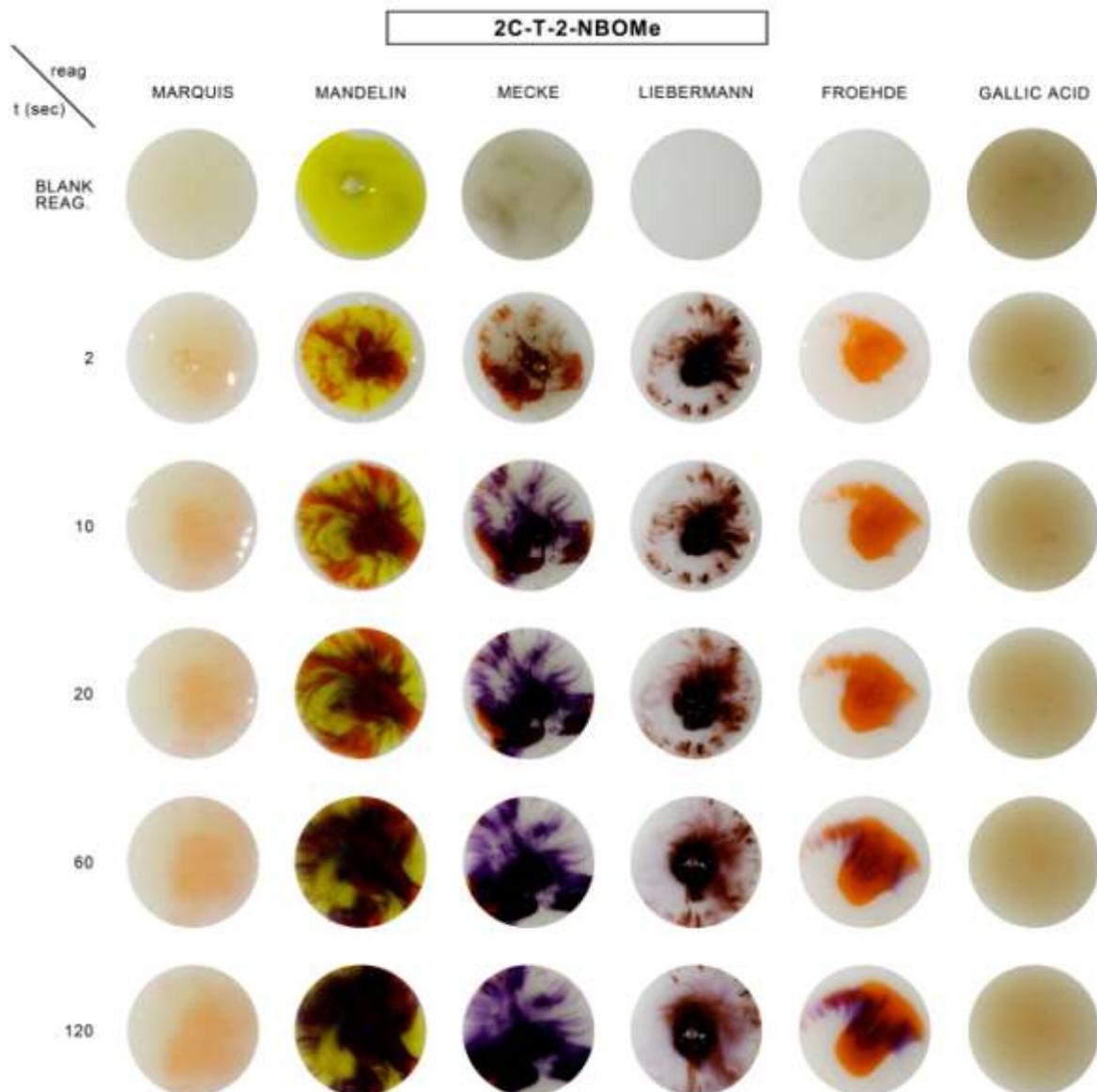
8.36. 2C-iP



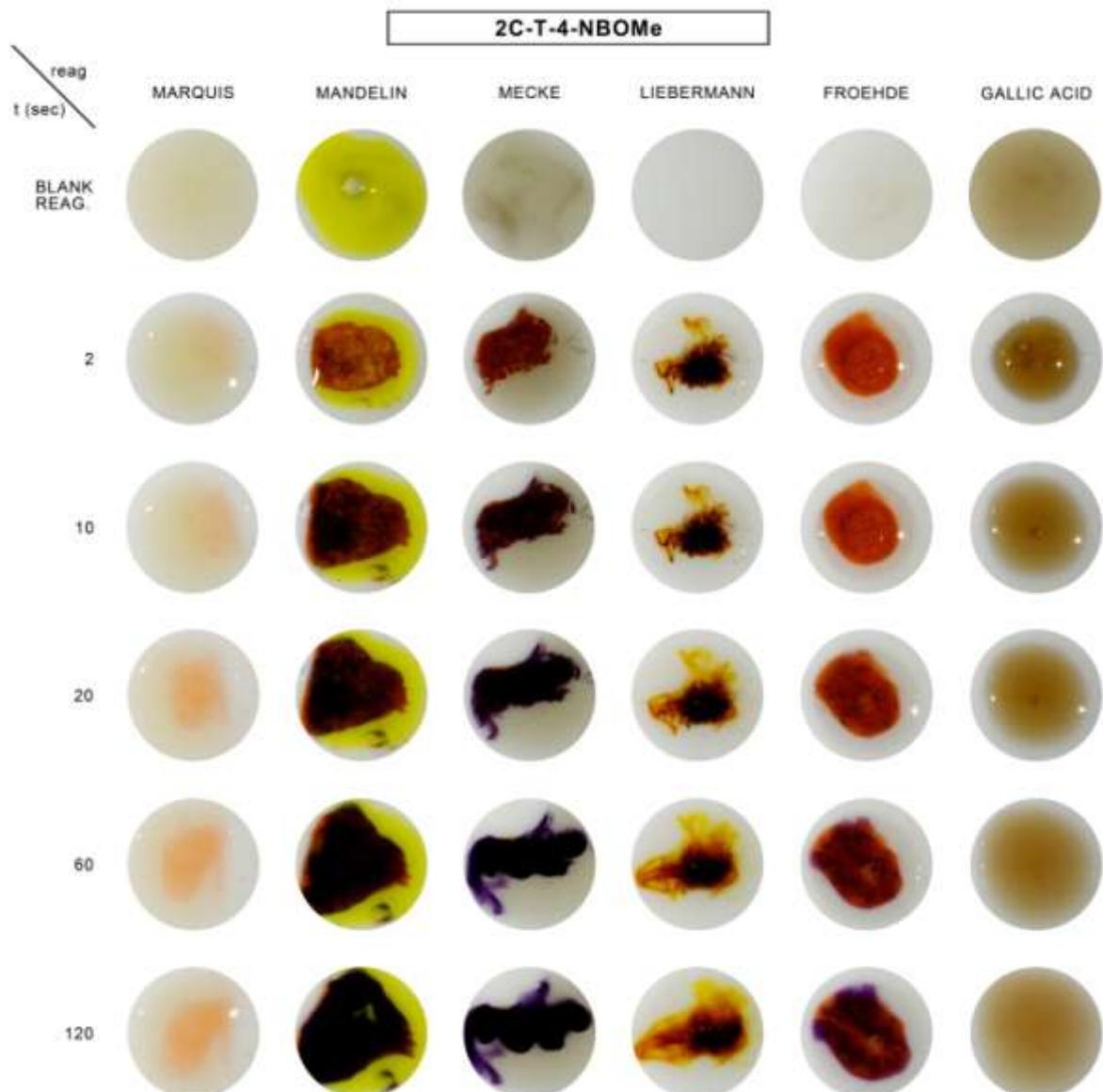
8.37. 25N-NBOMe



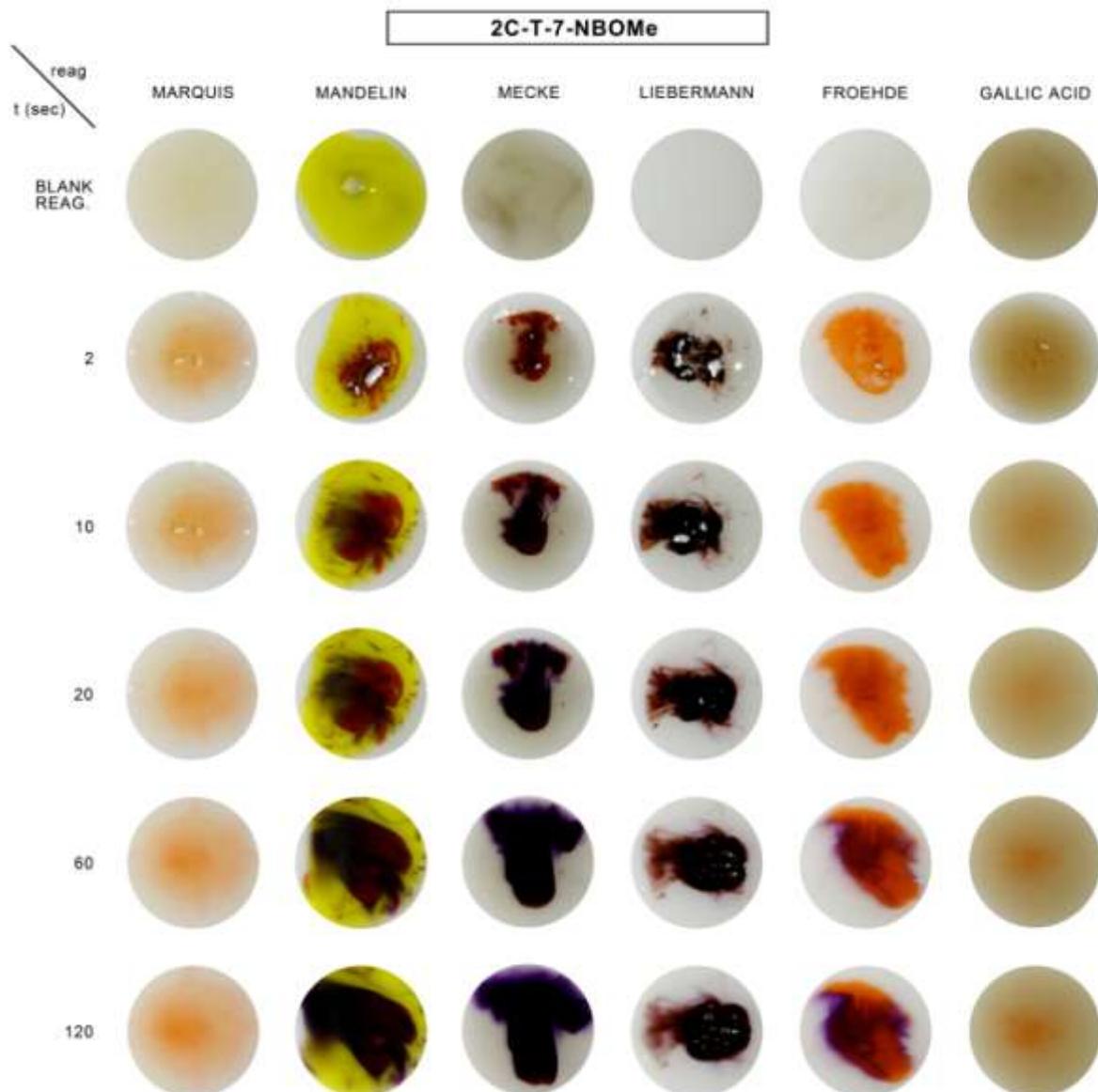
8.38. 2C-T-2-NBOMe



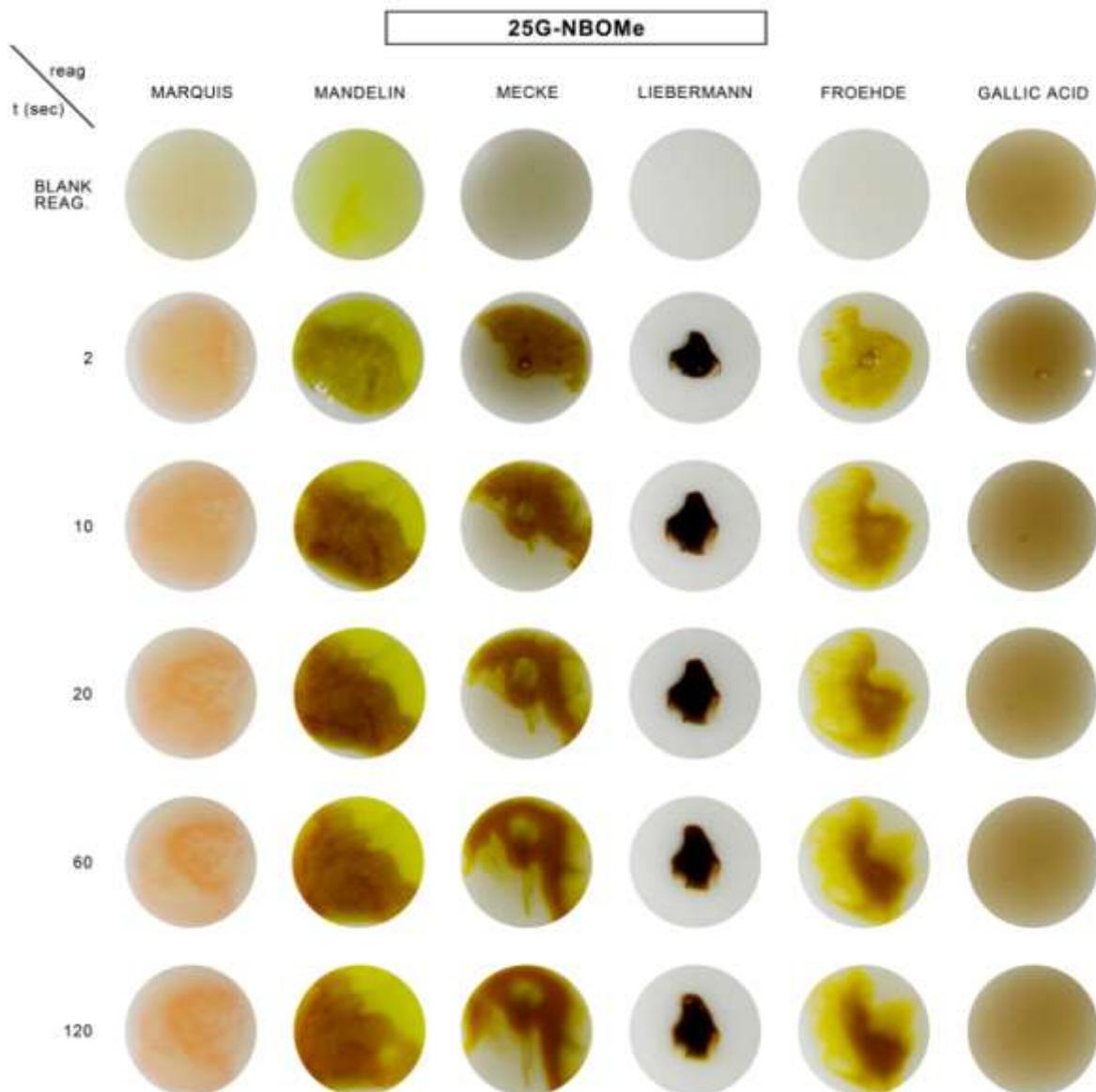
8.39. 2C-T-4-NBOMe



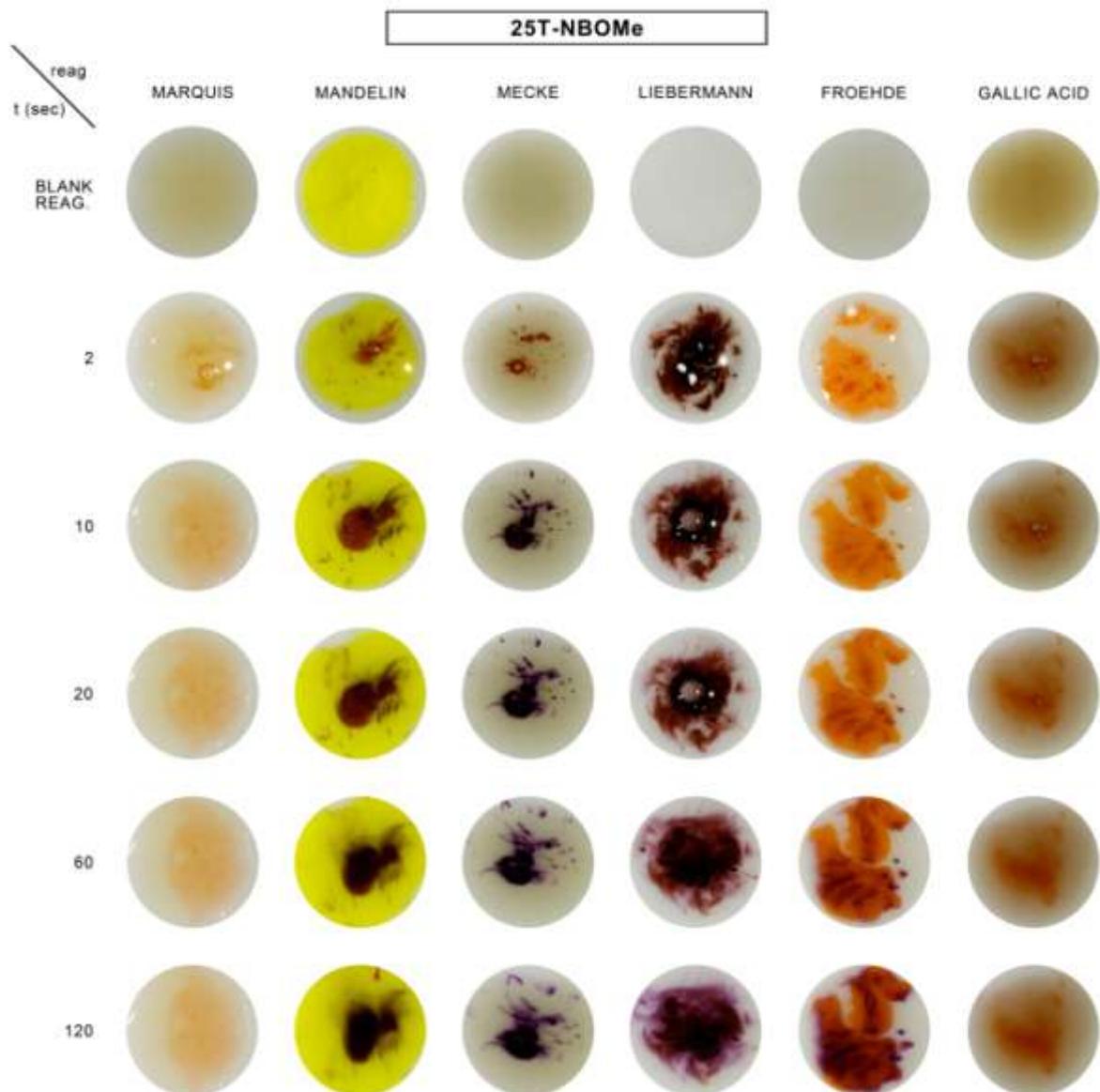
8.40. 2C-T-7-NBOMe



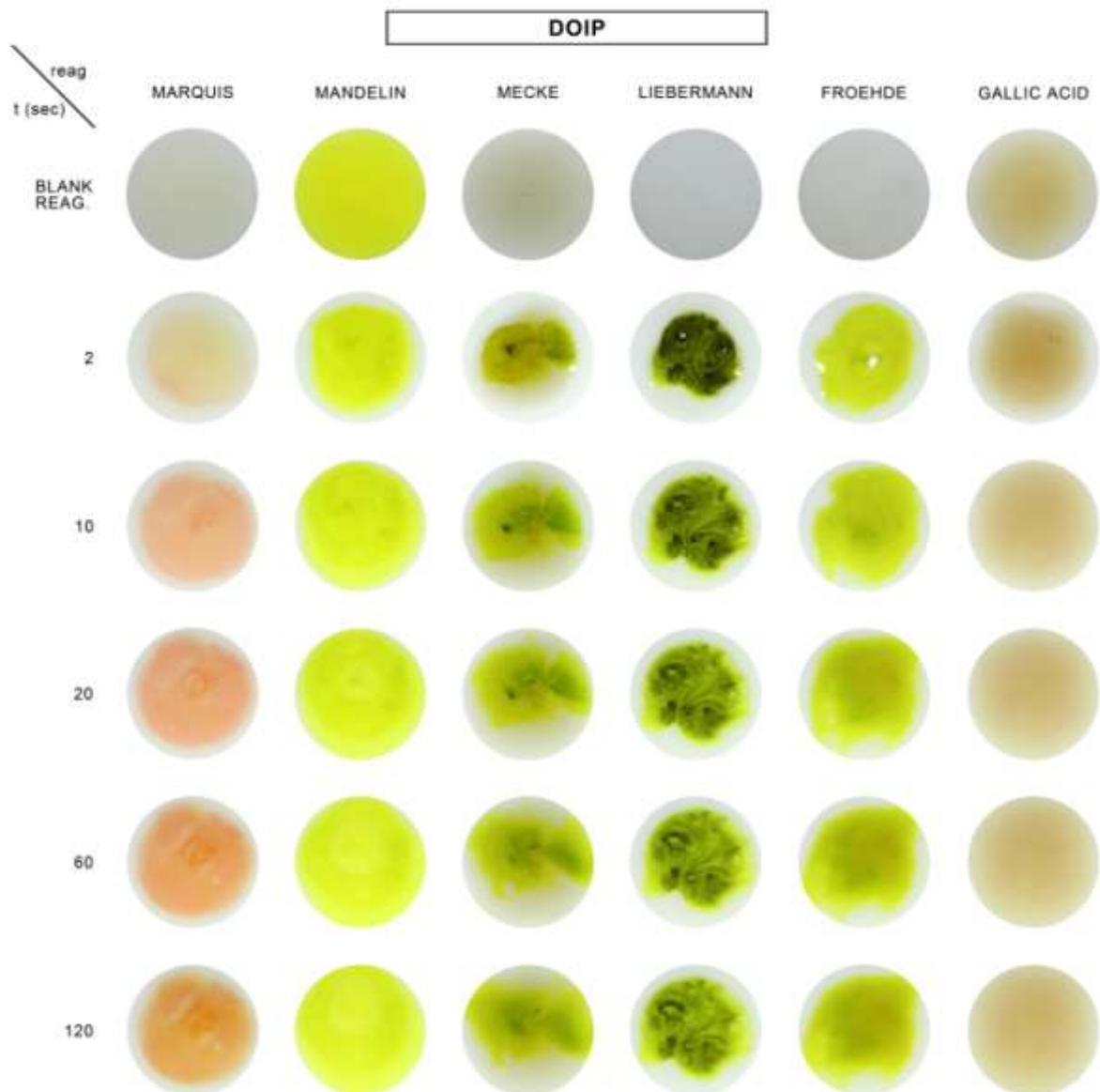
8.41. 25G-NBOMe



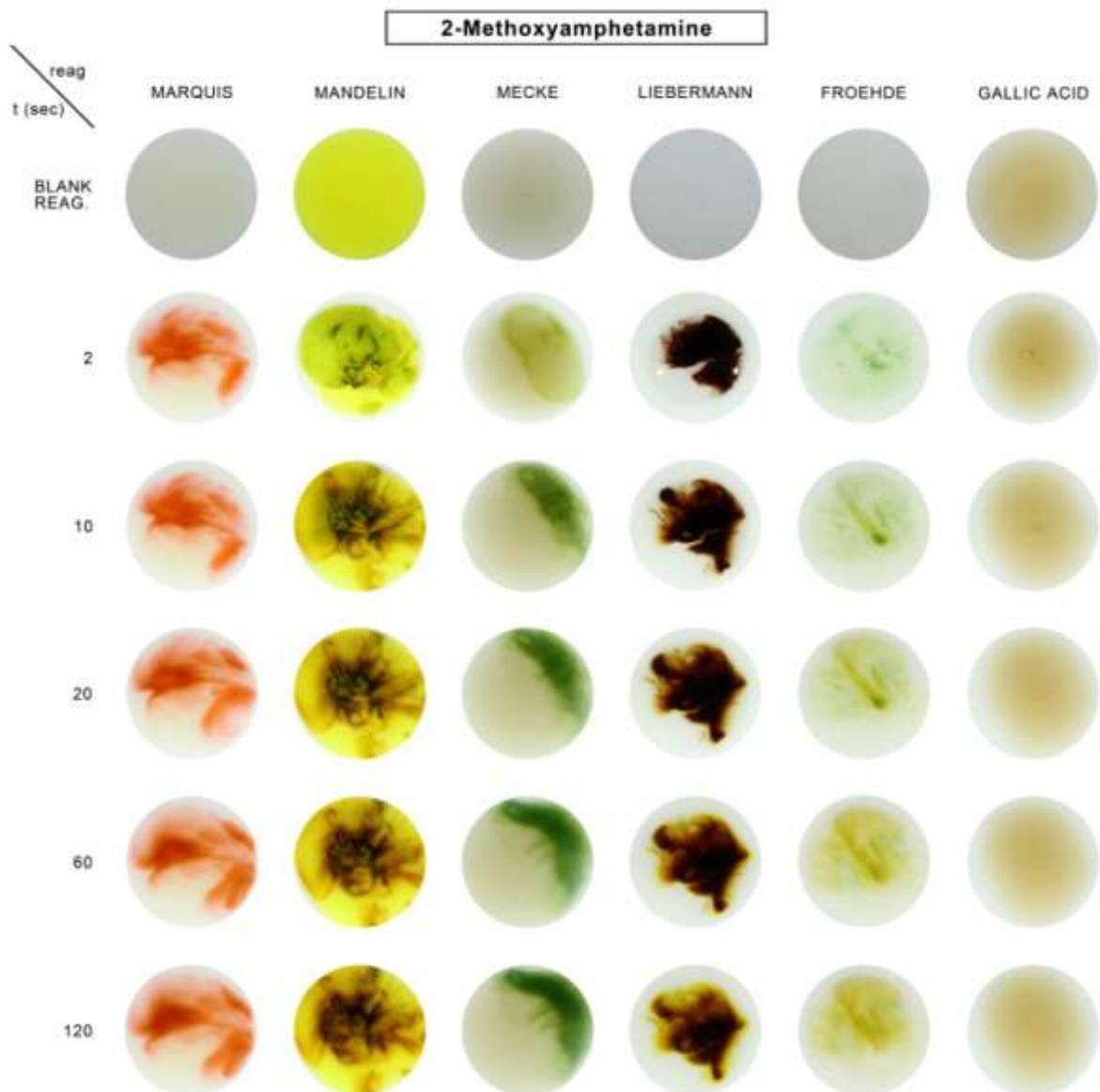
8.42. 25T-NBOMe



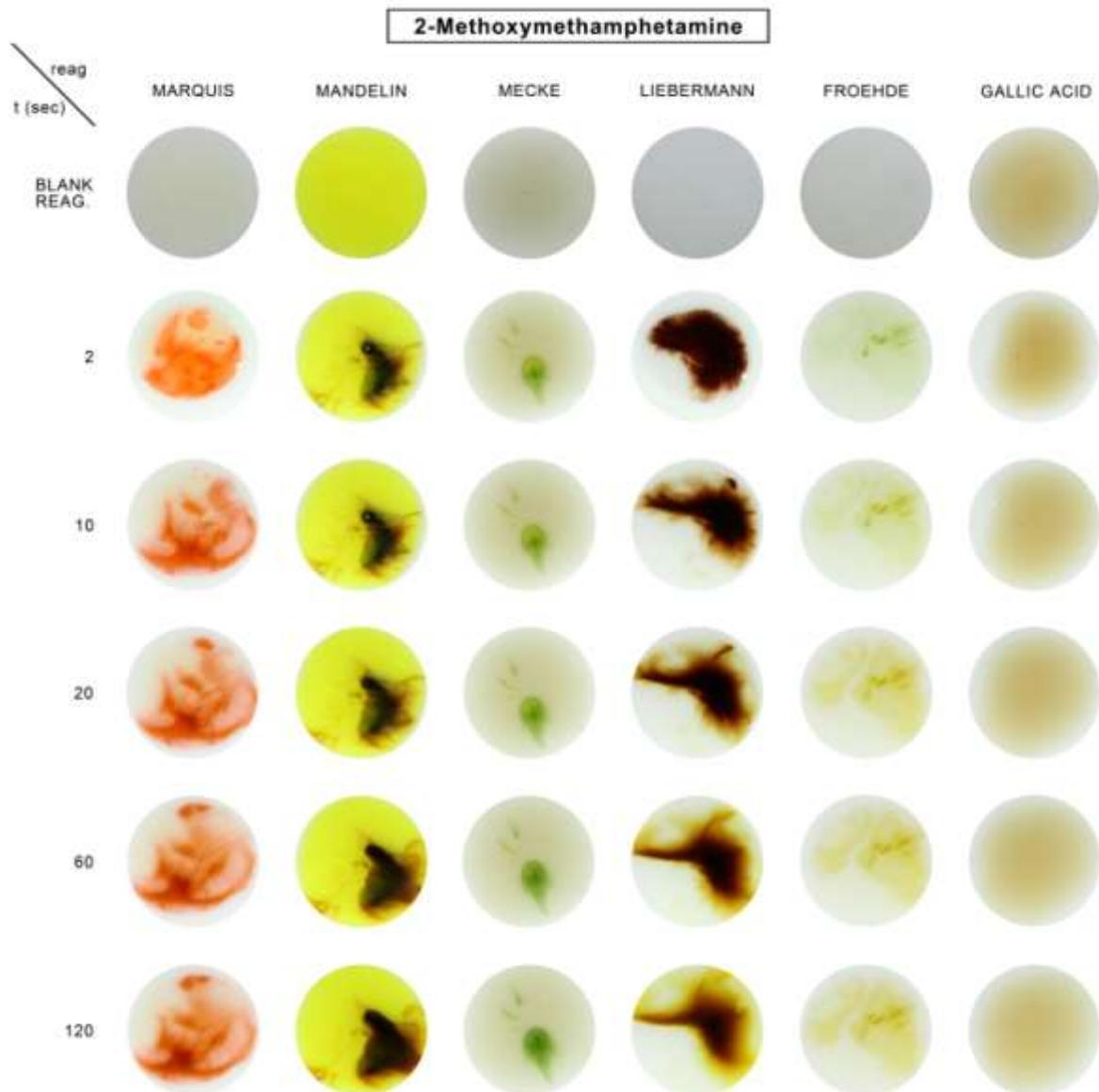
8.43. DOIP



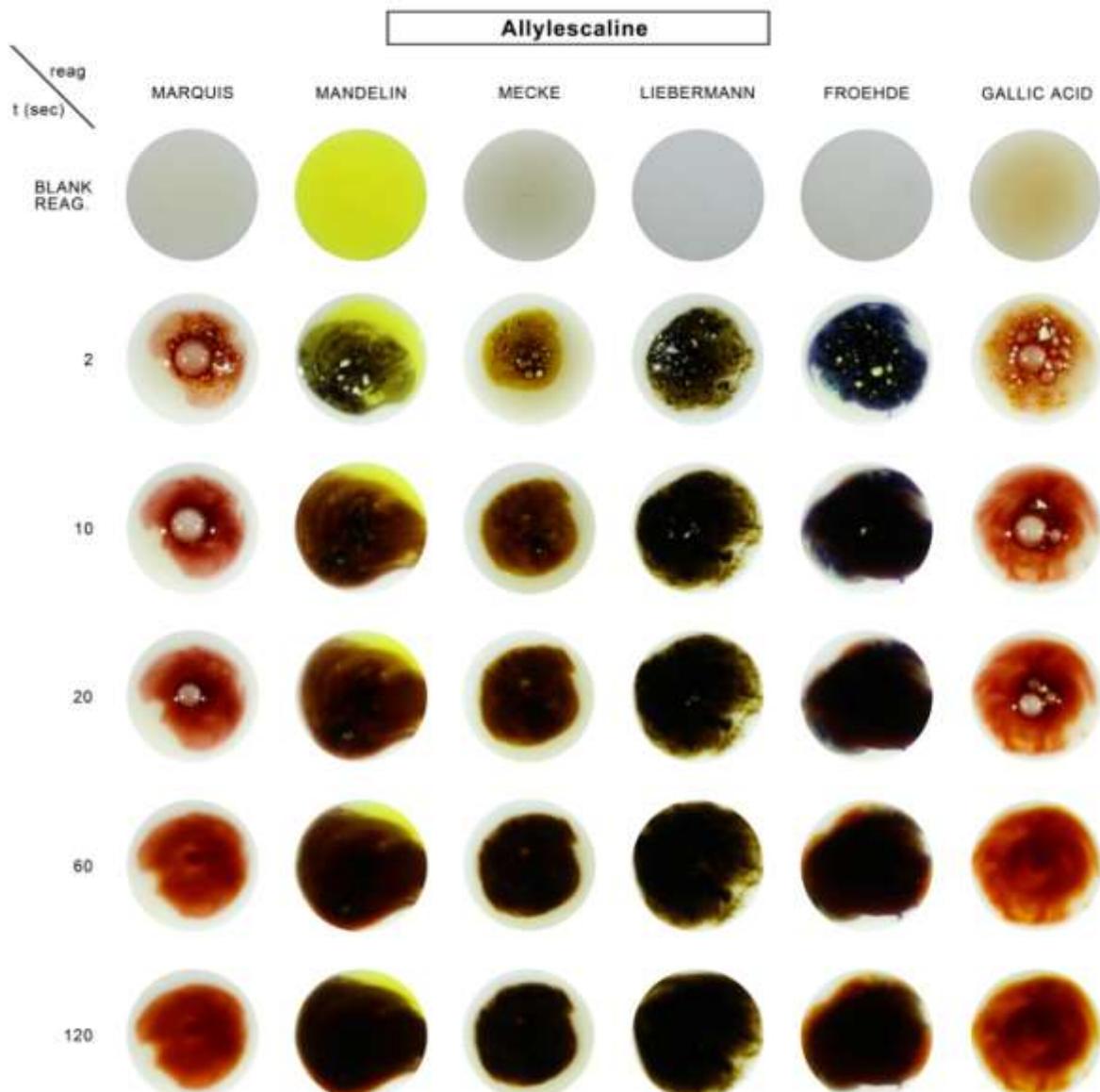
8.44. 2-Methoxyamphetamine



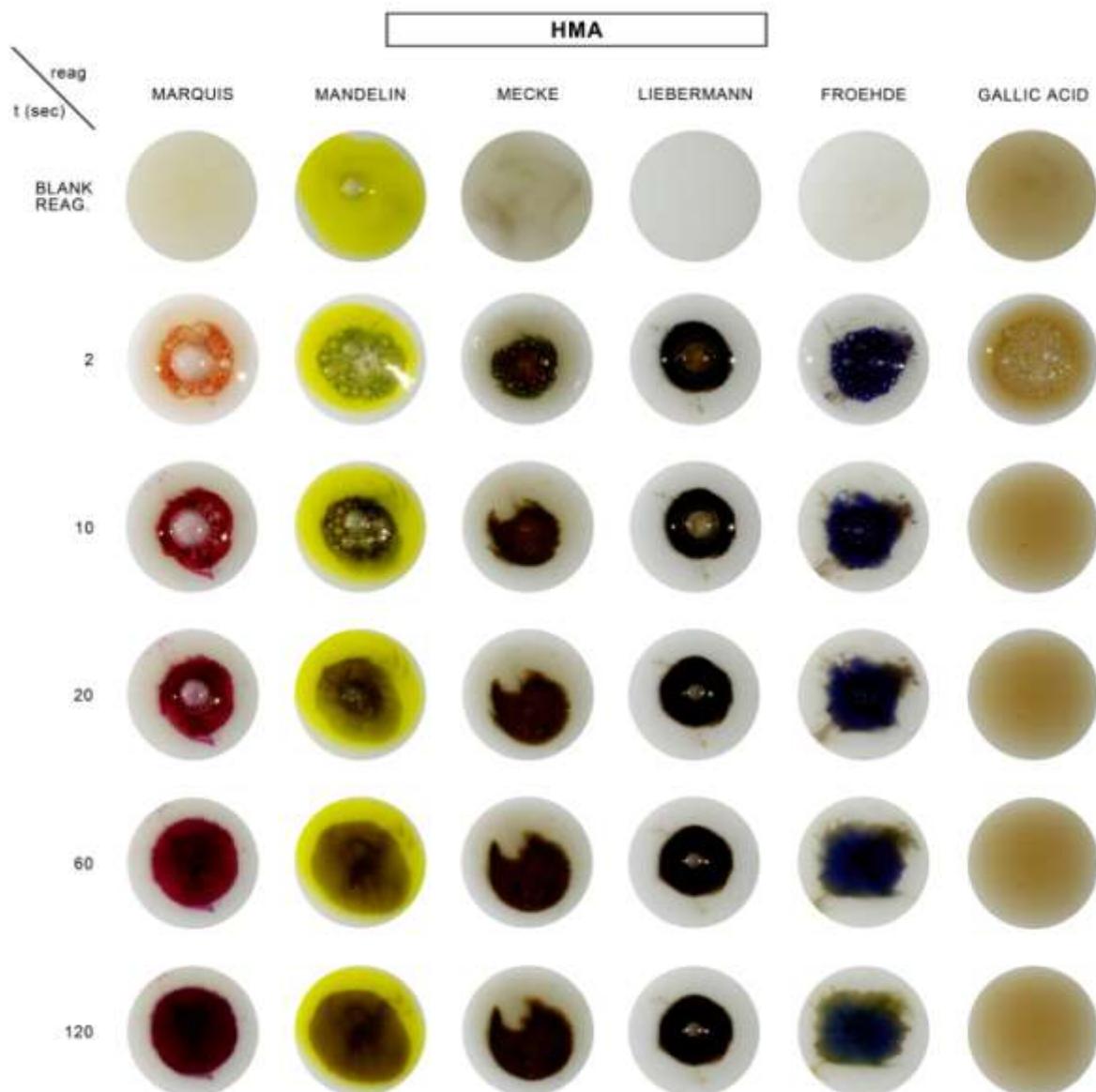
8.45. 2-Methoxymethamphetamine



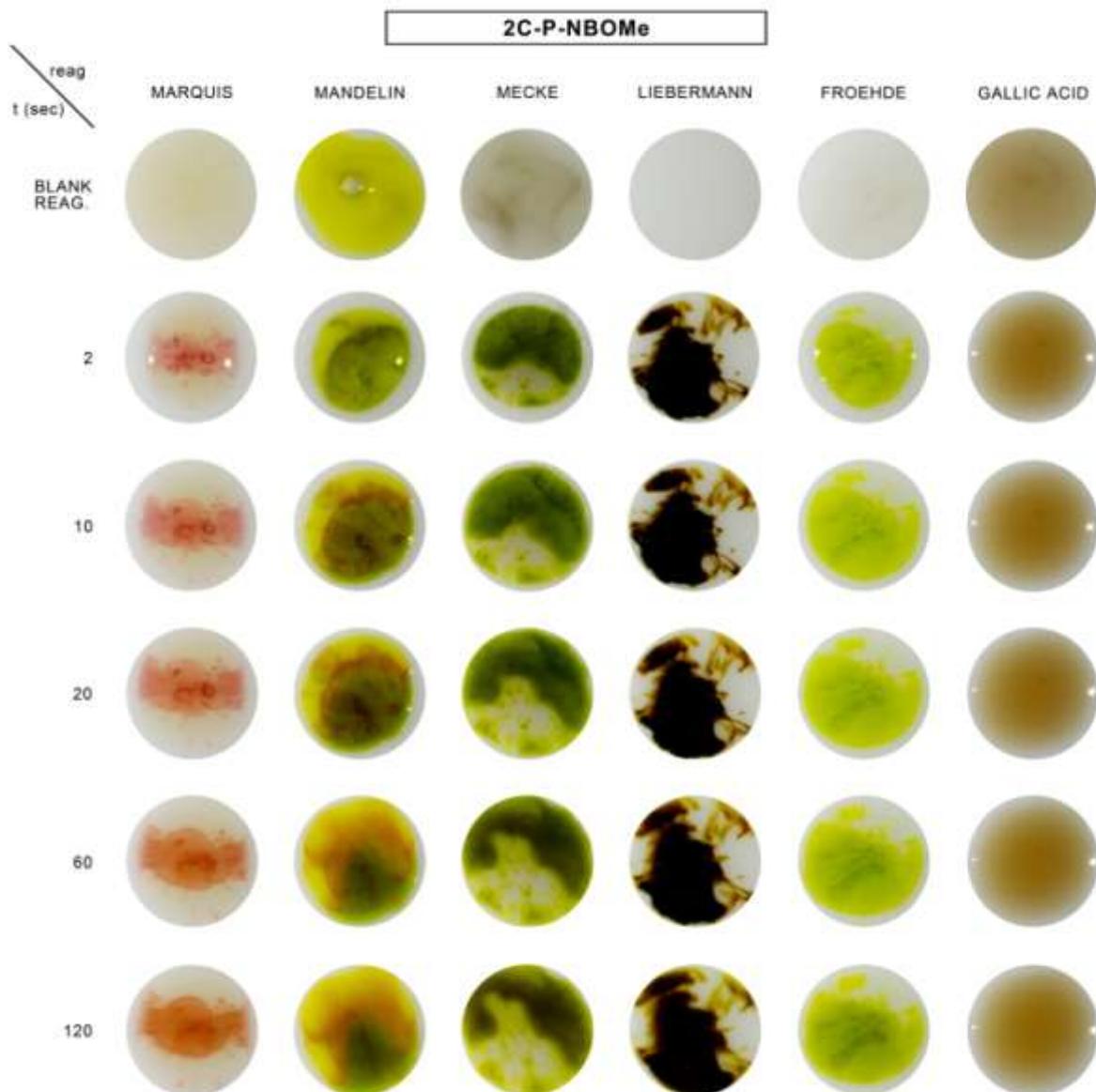
8.46. Allylescaline



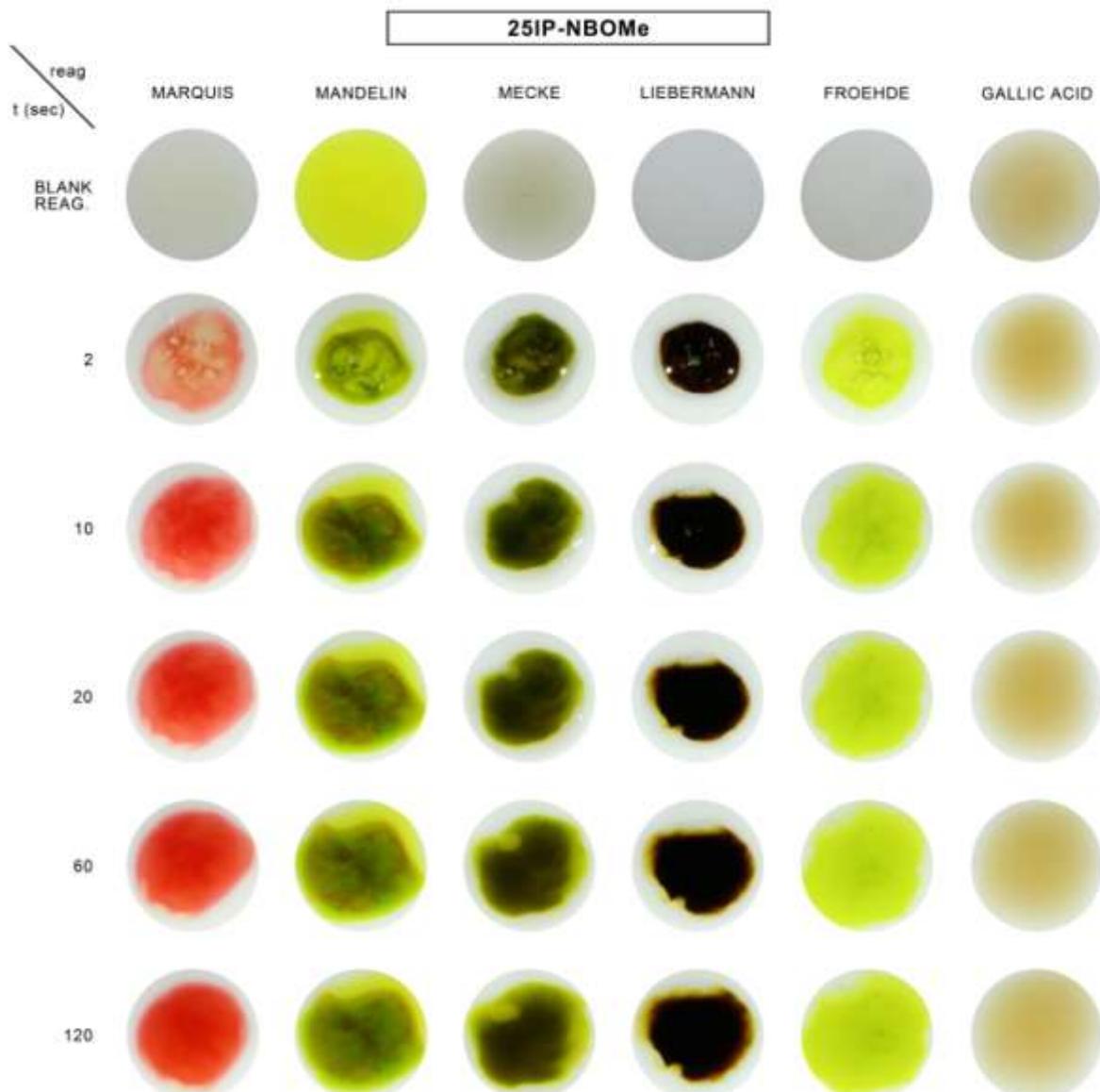
8.47. HMA



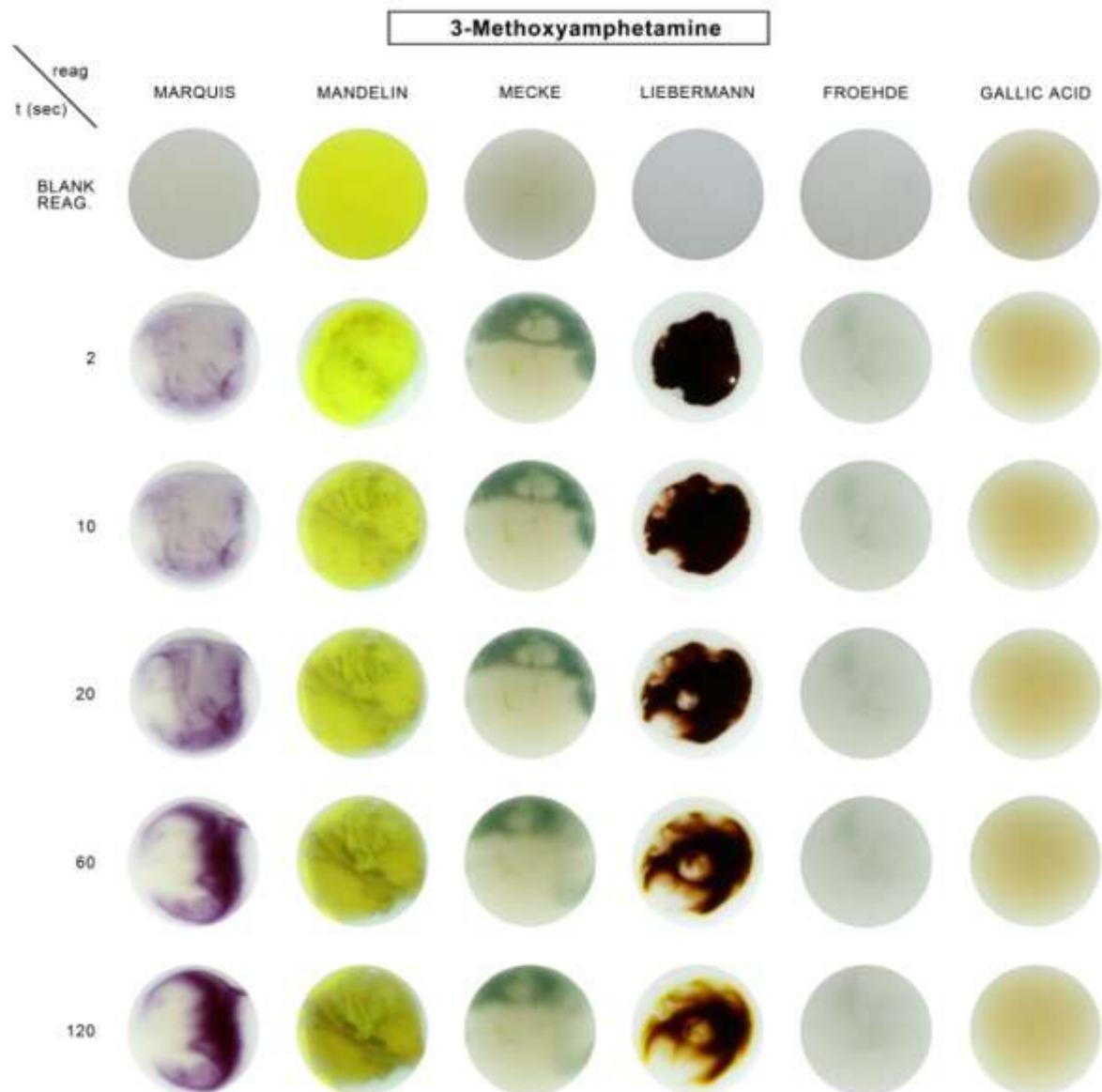
8.48. 2C-P-NBOMe



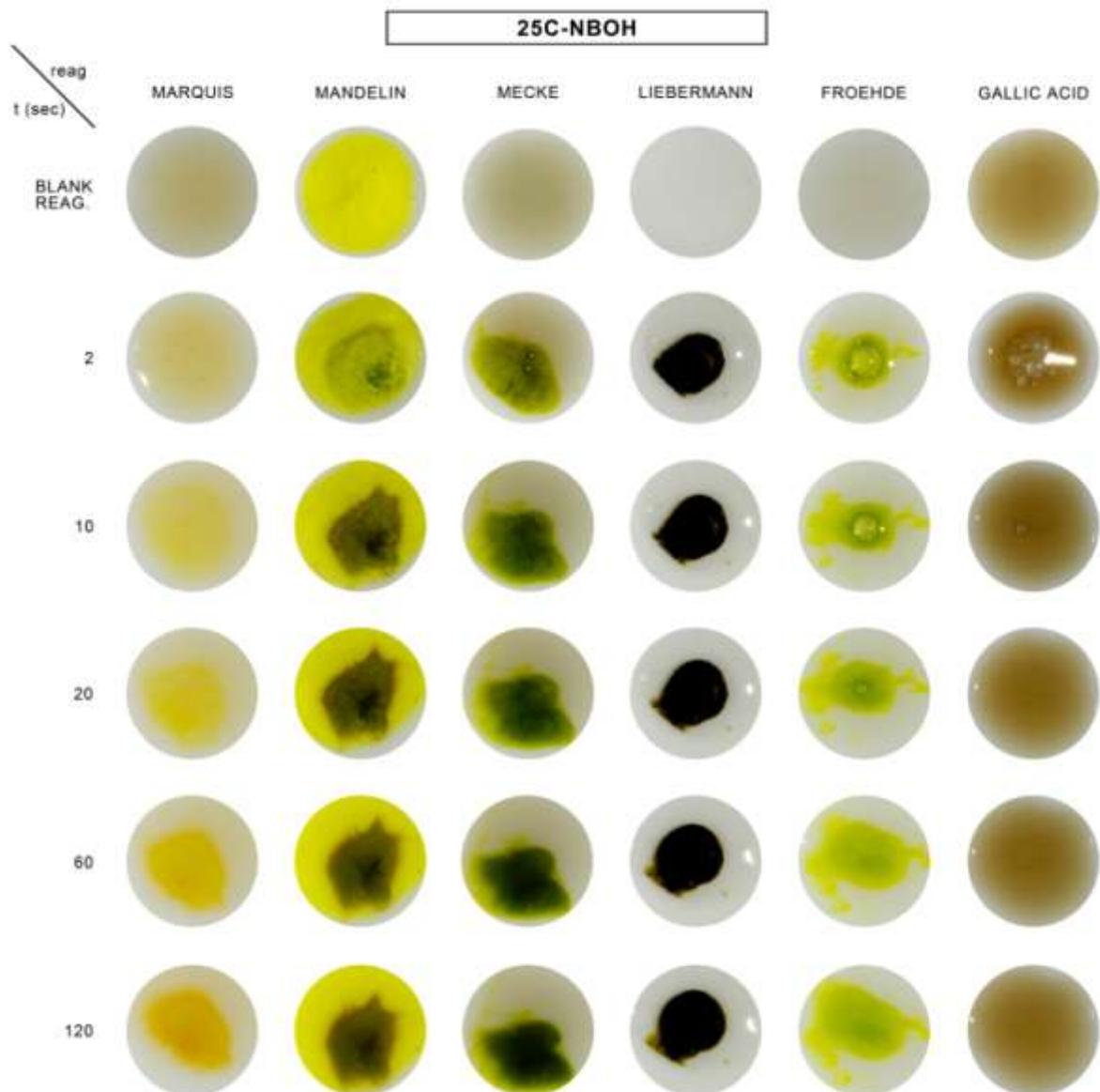
8.49. 25IP-NBOMe



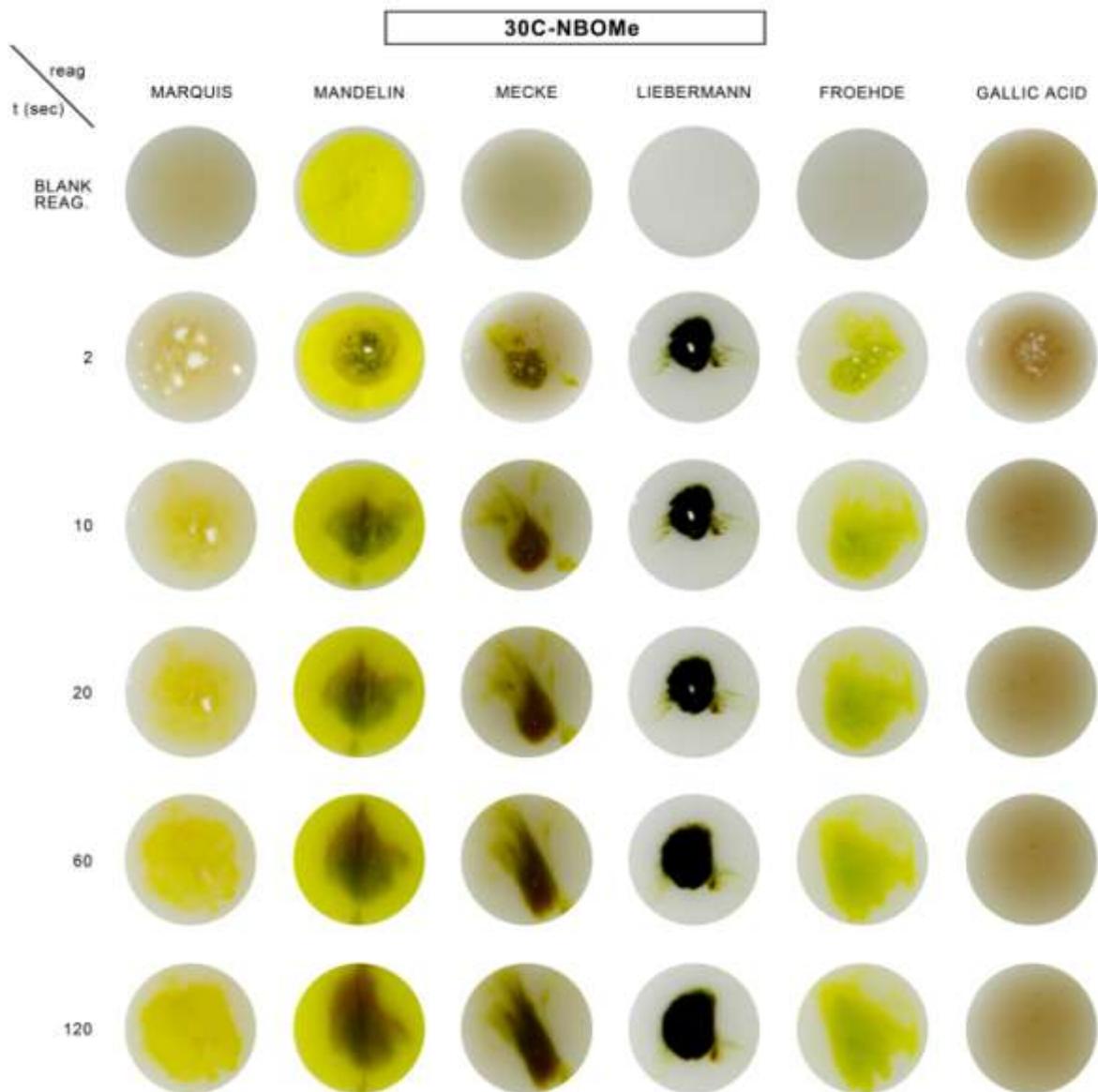
8.50. 3-Methoxyamphetamine



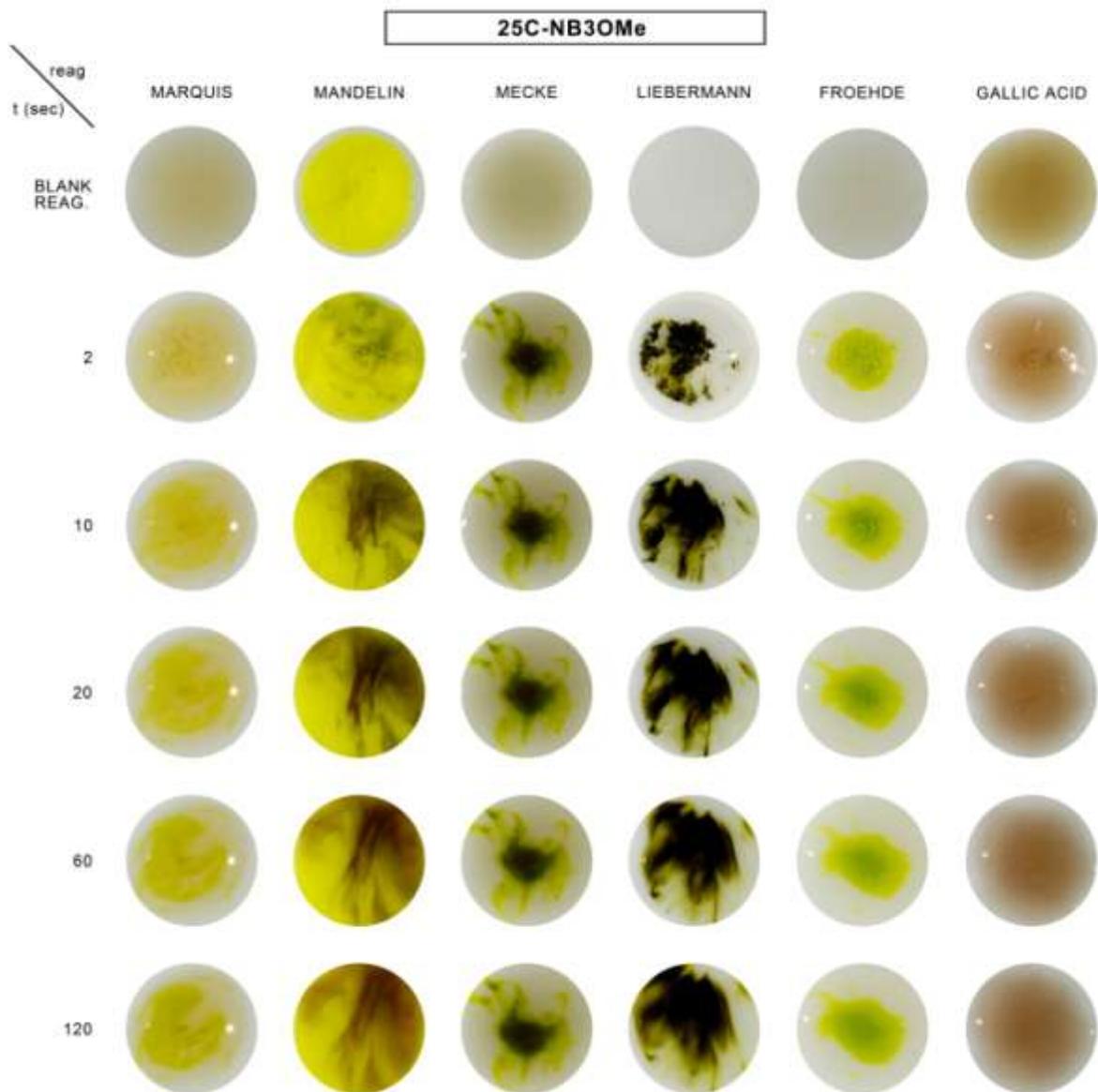
8.51. 25C-NBOH



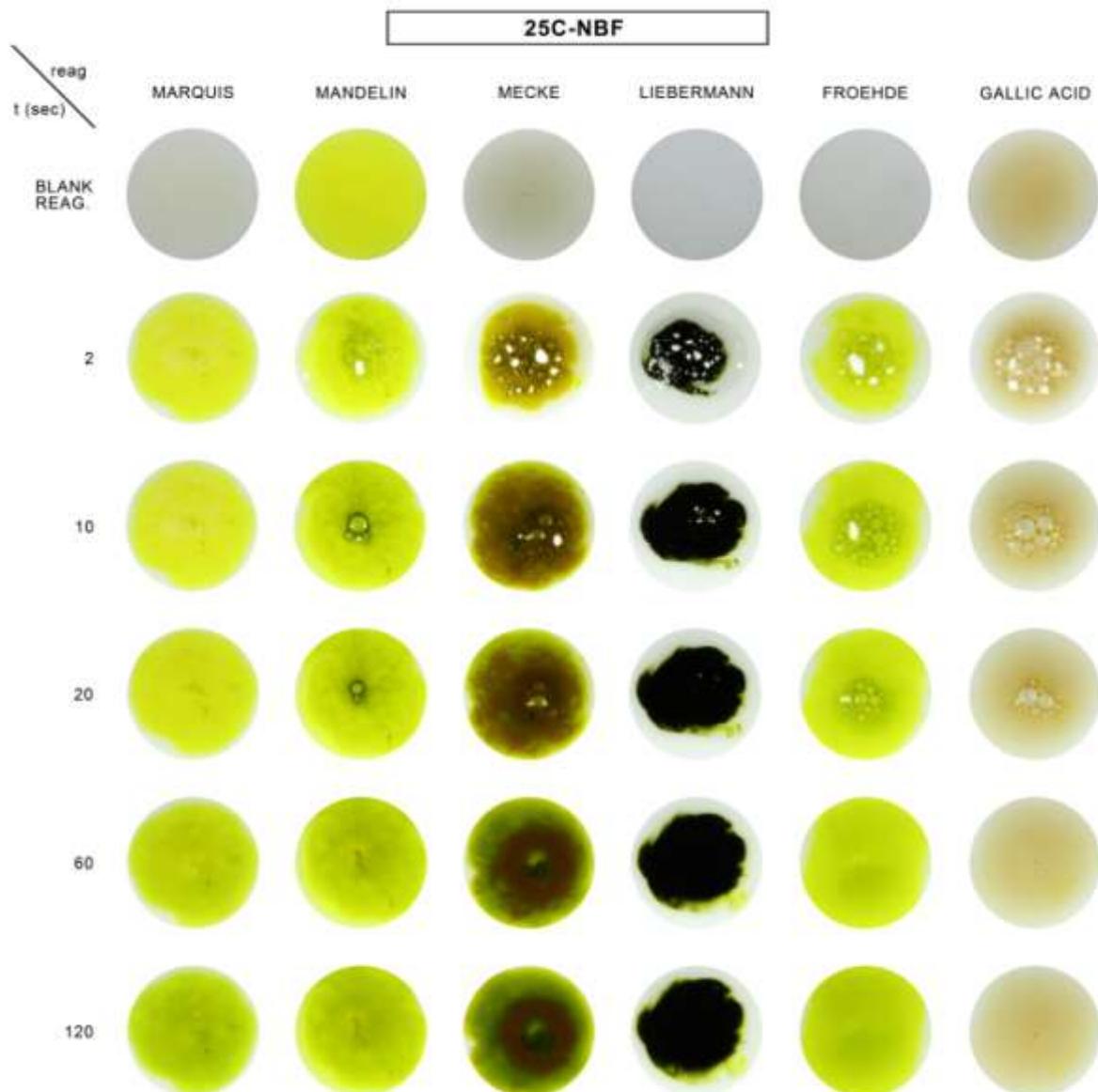
8.52. 30C-NBOMe



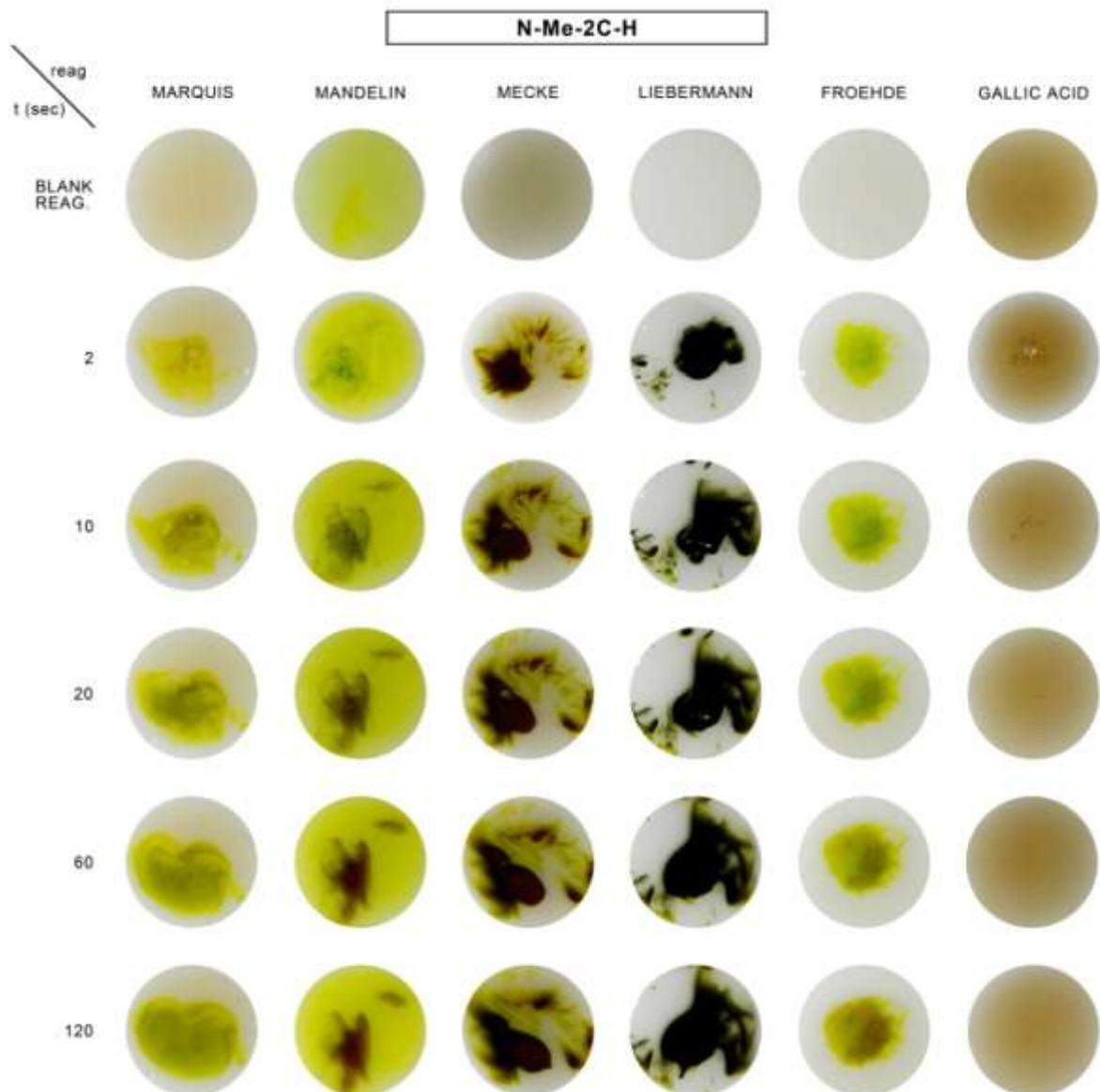
8.53. 25C-NB3OMe



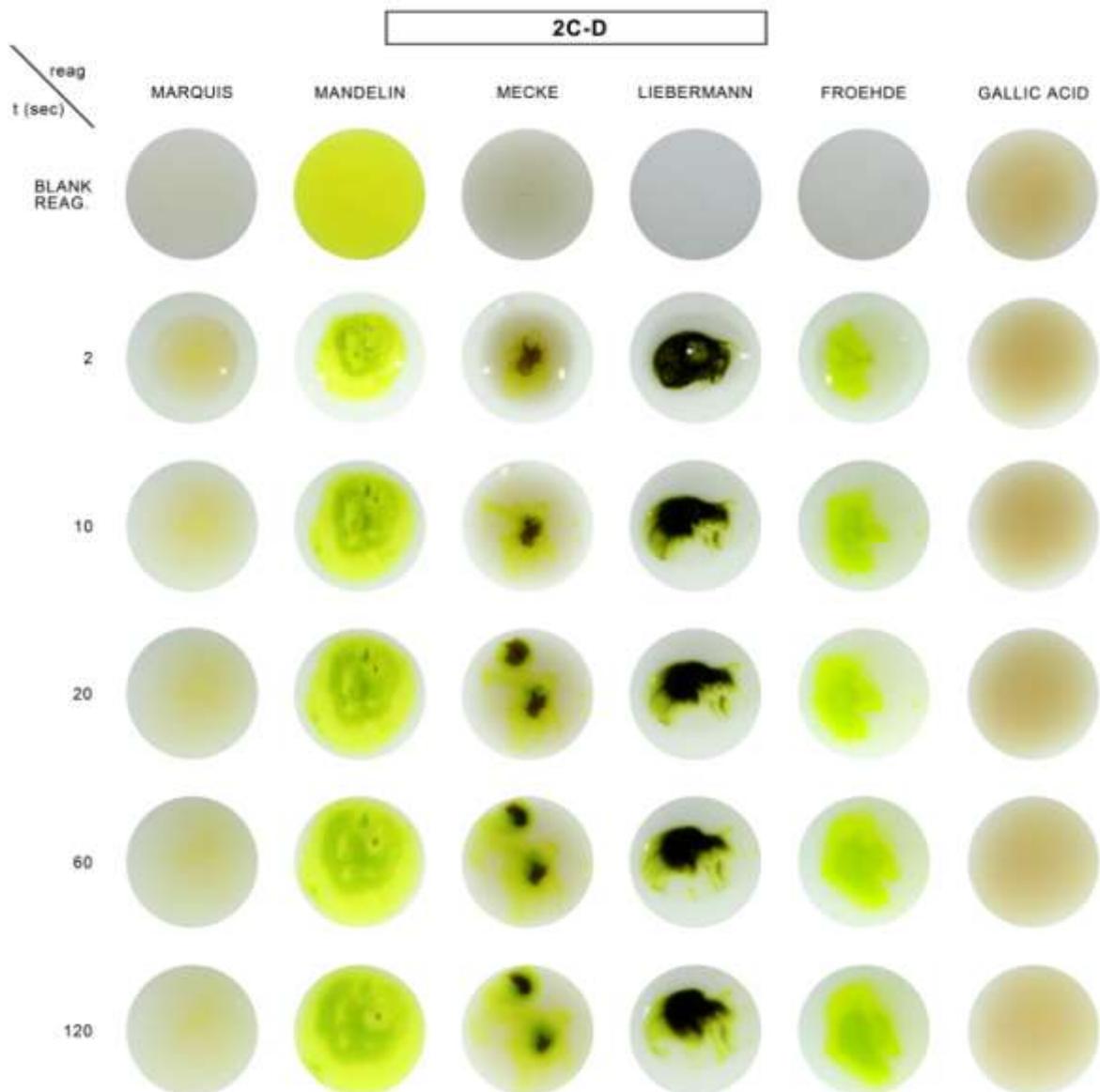
8.54. 25C-NBF



8.55. N-Me-2C-H

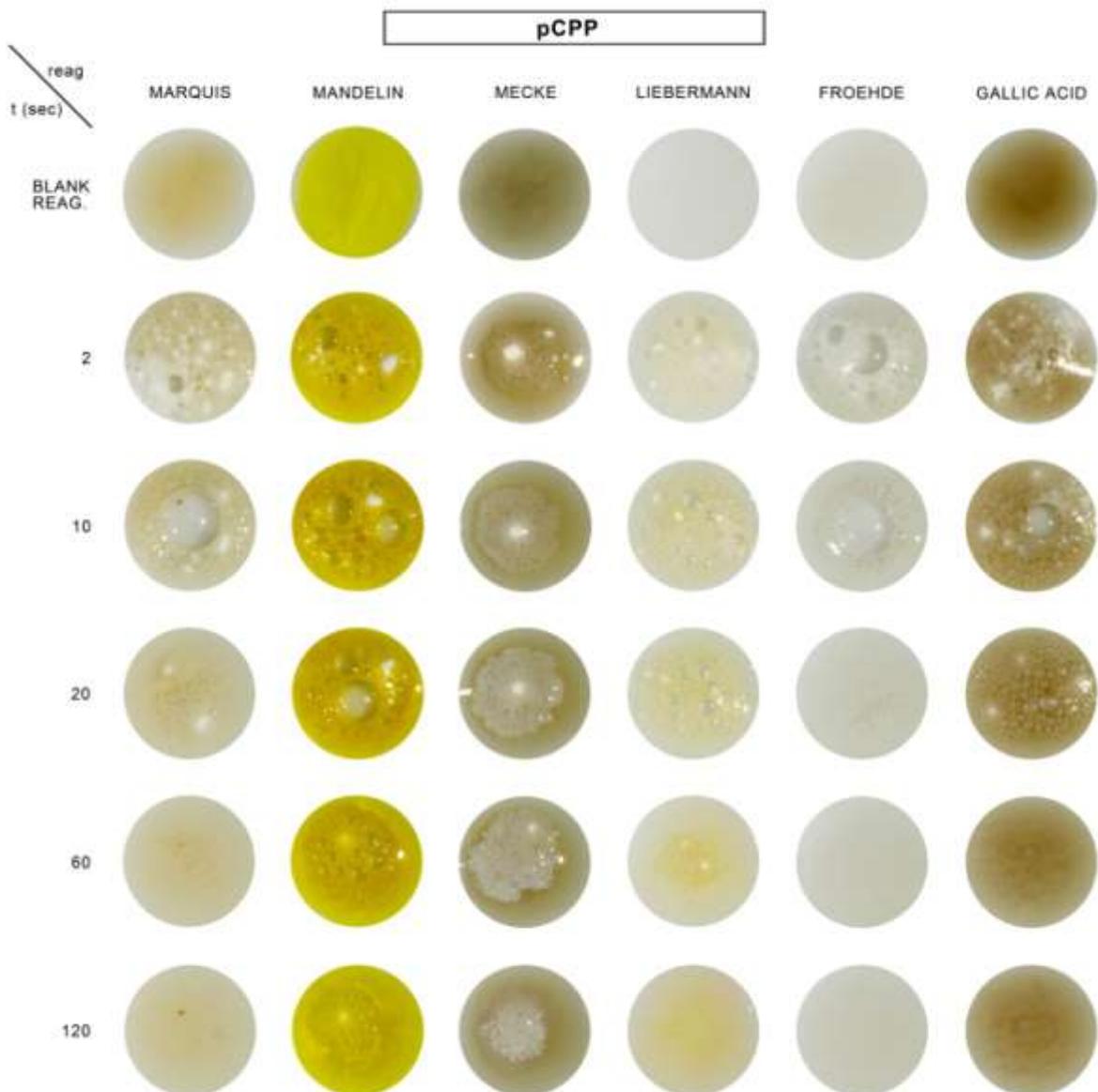


8.56. 2C-D

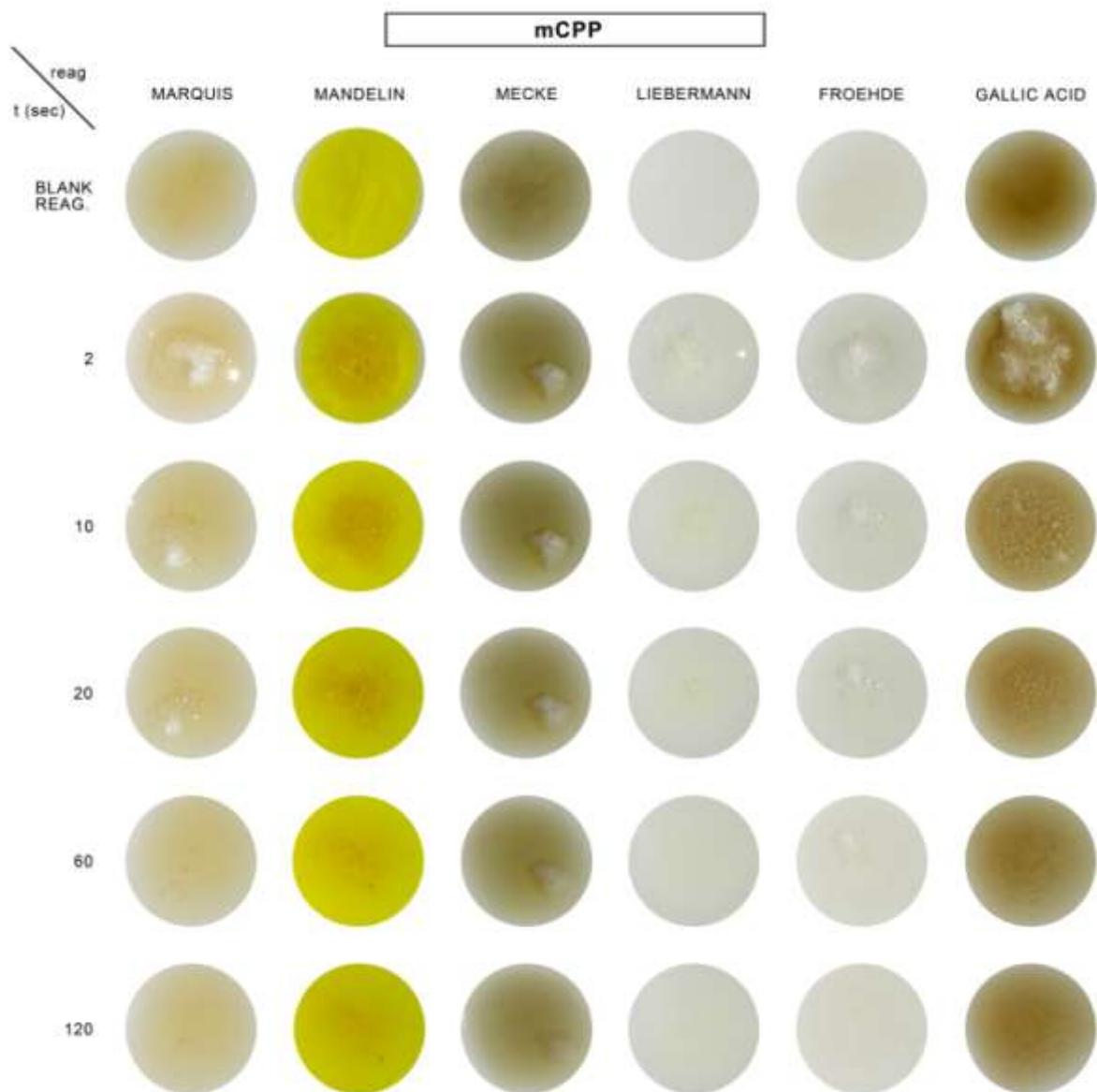


9. Derivati piperazina

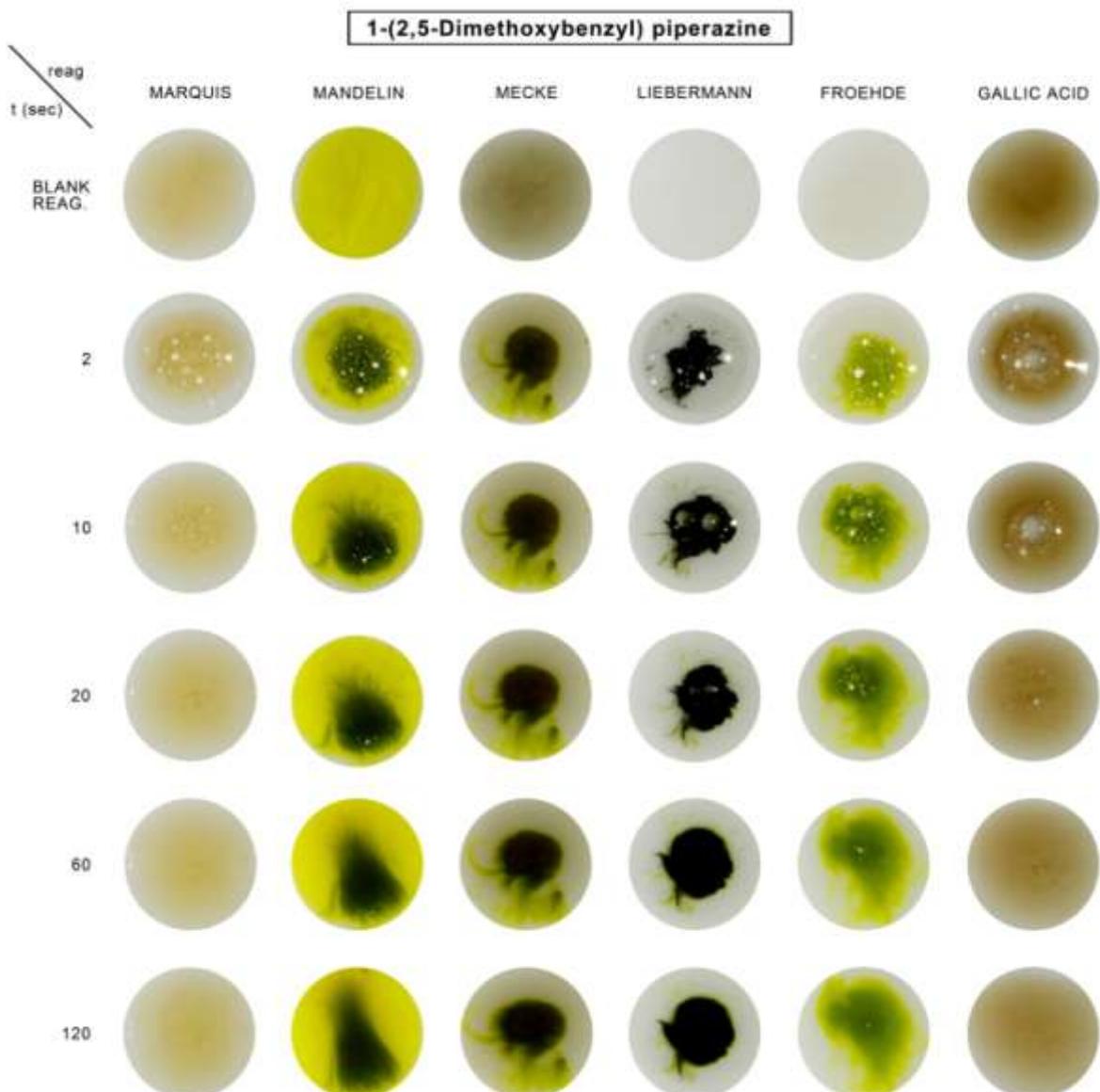
9.1. pCPP



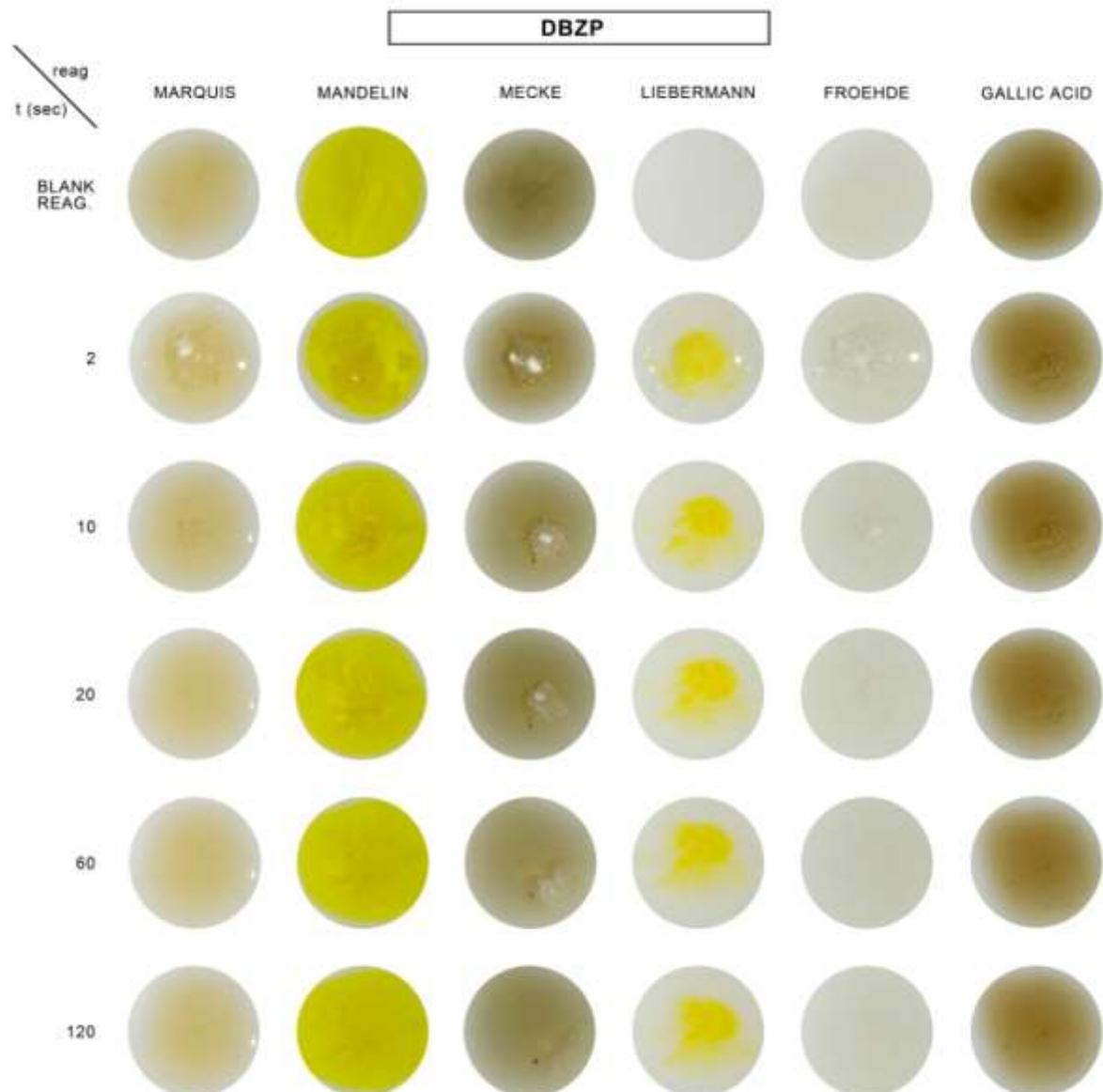
9.2. mCPP



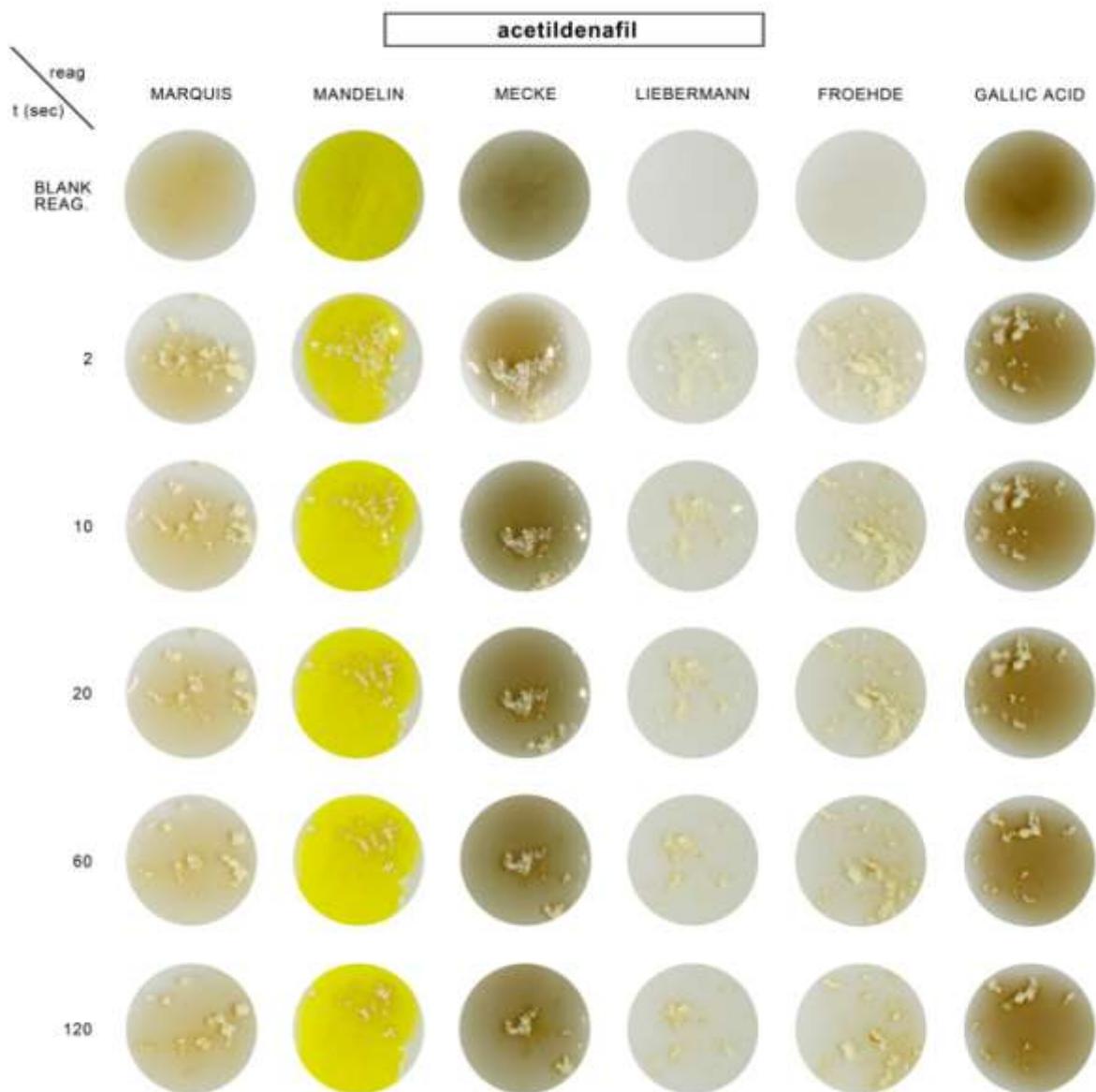
9.3. 1-(2,5-Dimethoxybenzyl) piperazine



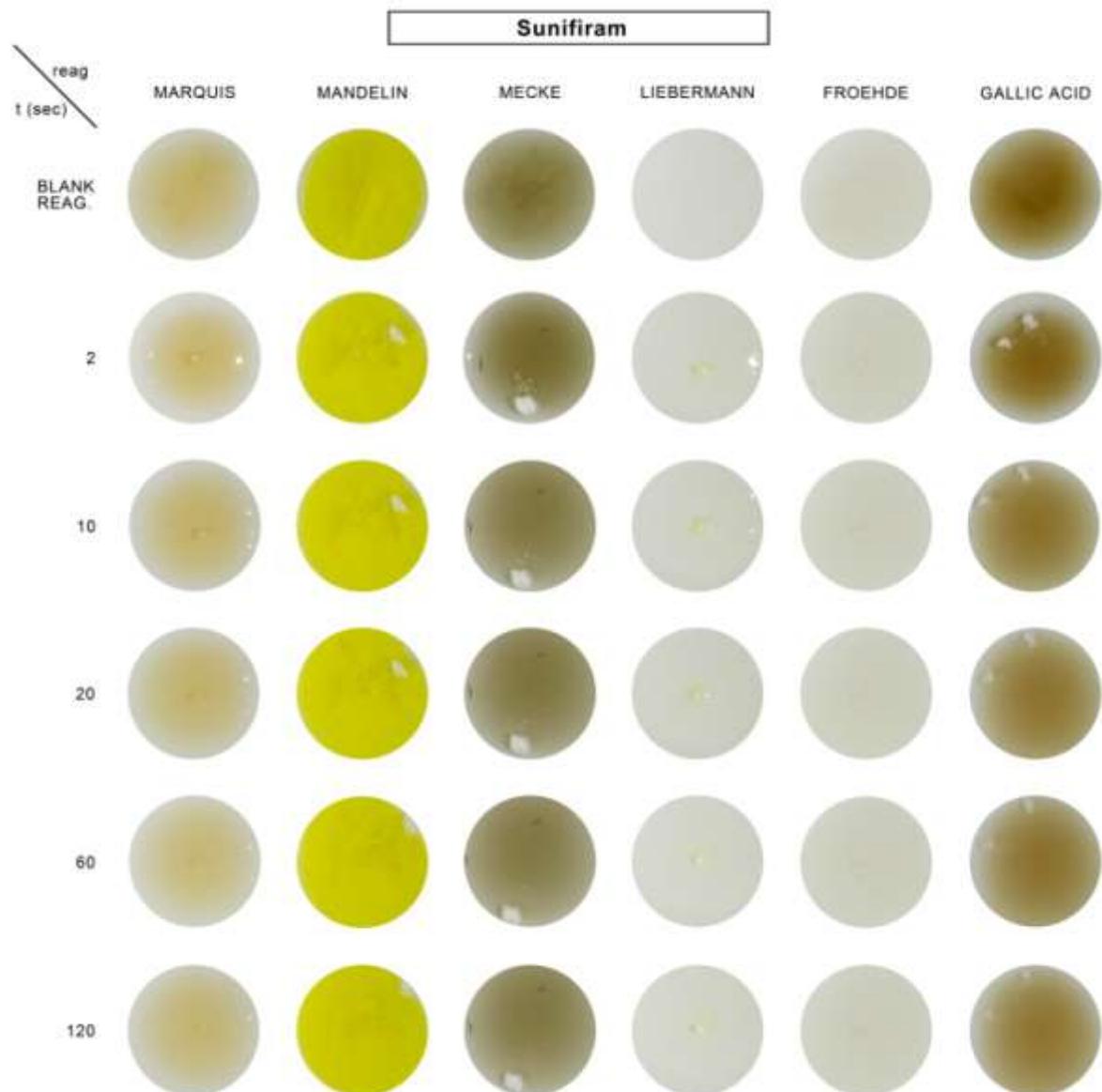
9.4. DBZP



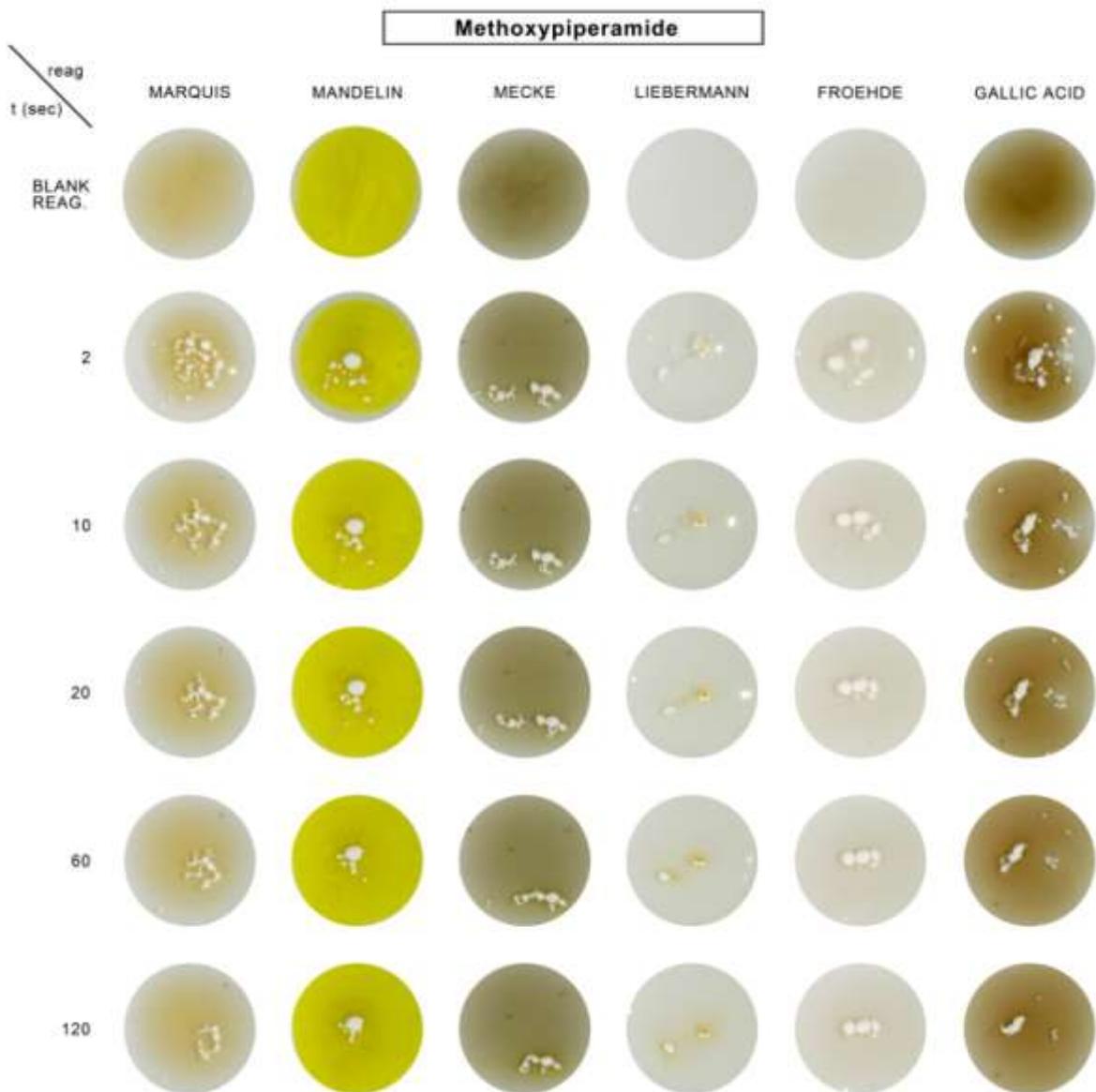
9.5. Acetildenafil



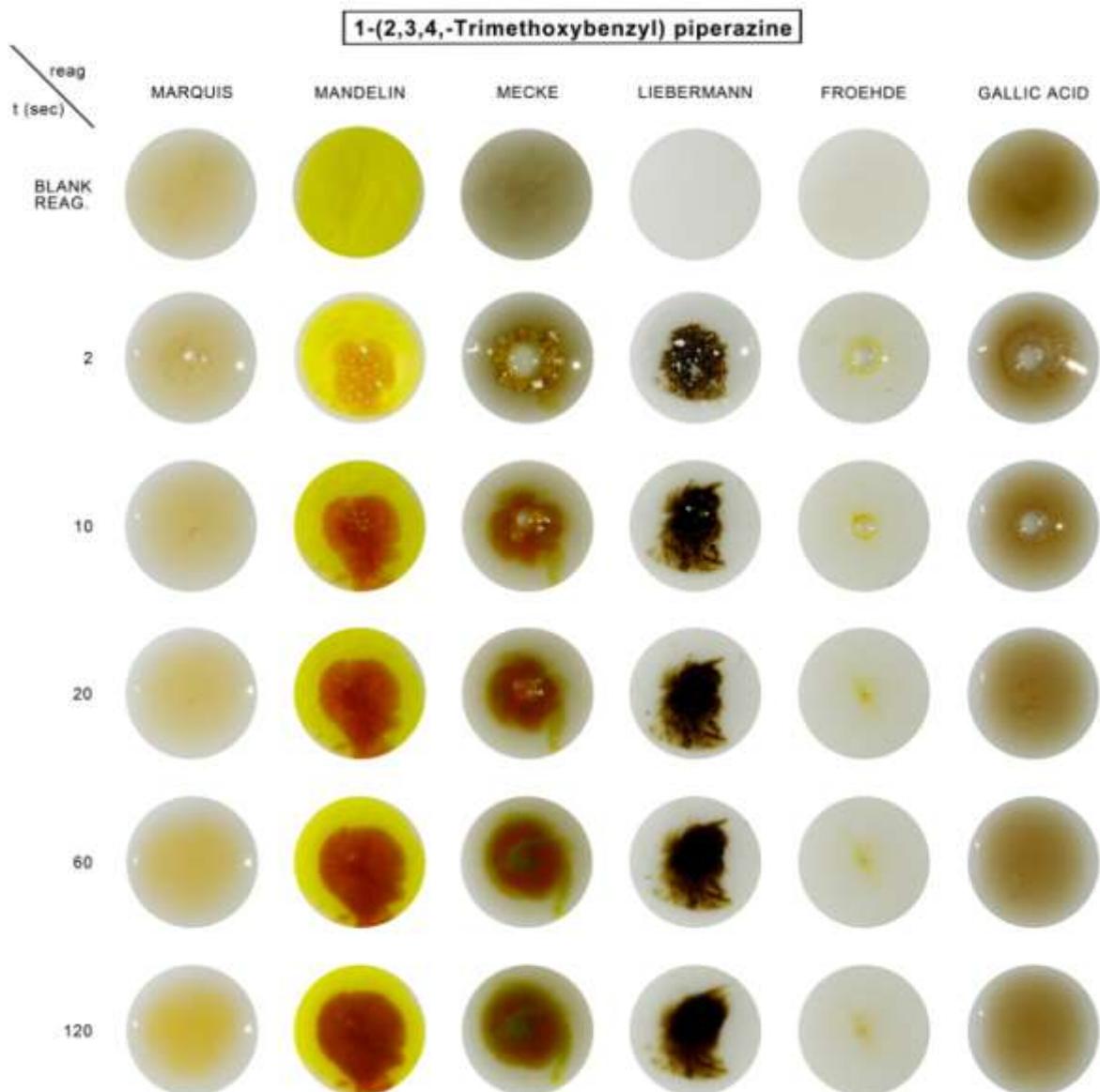
9.6. Sunifiram



9.7. Methoxypiperamide

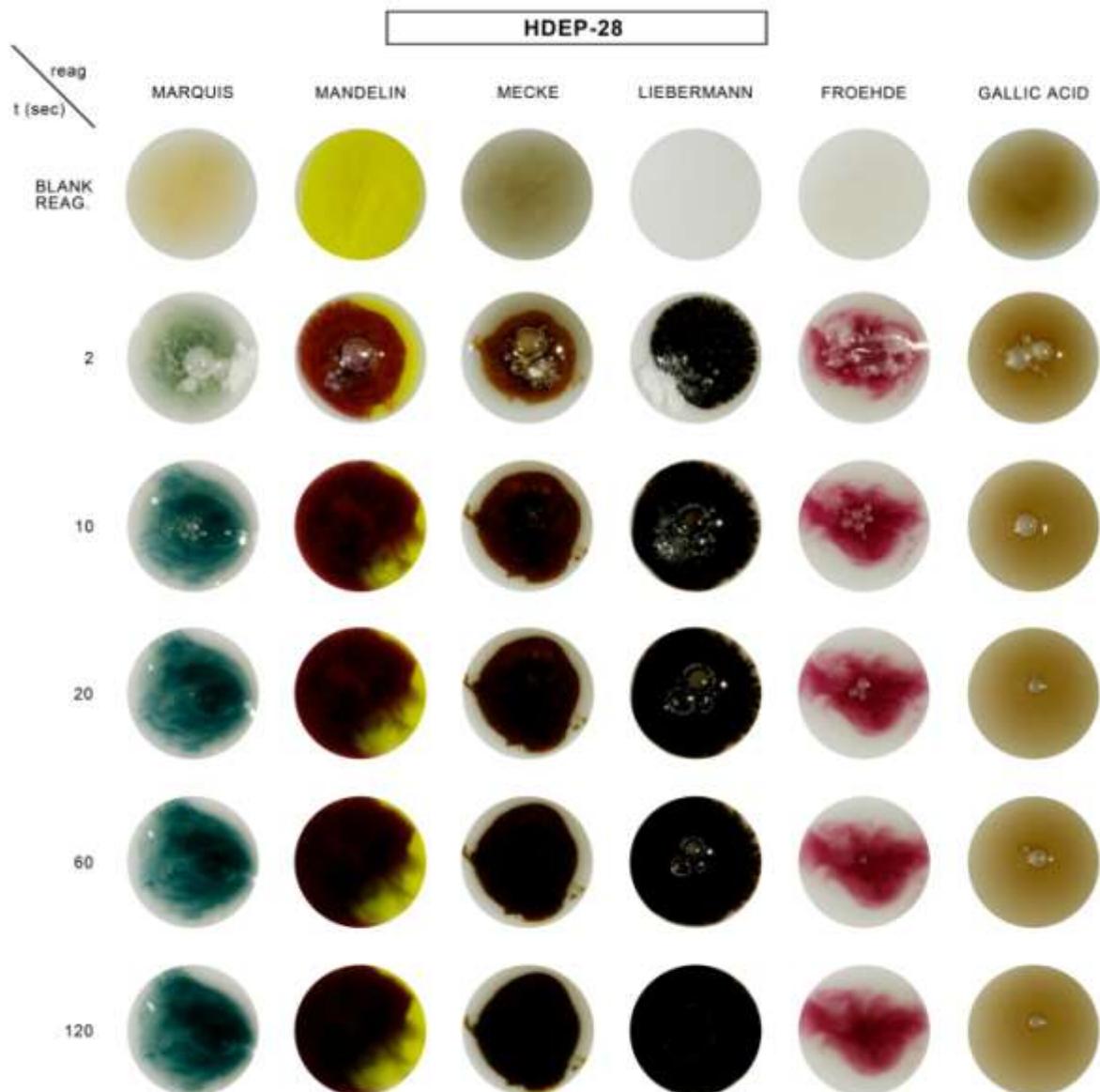


9.8. 1-(2,3,4-Trimethoxybenzyl) piperazine

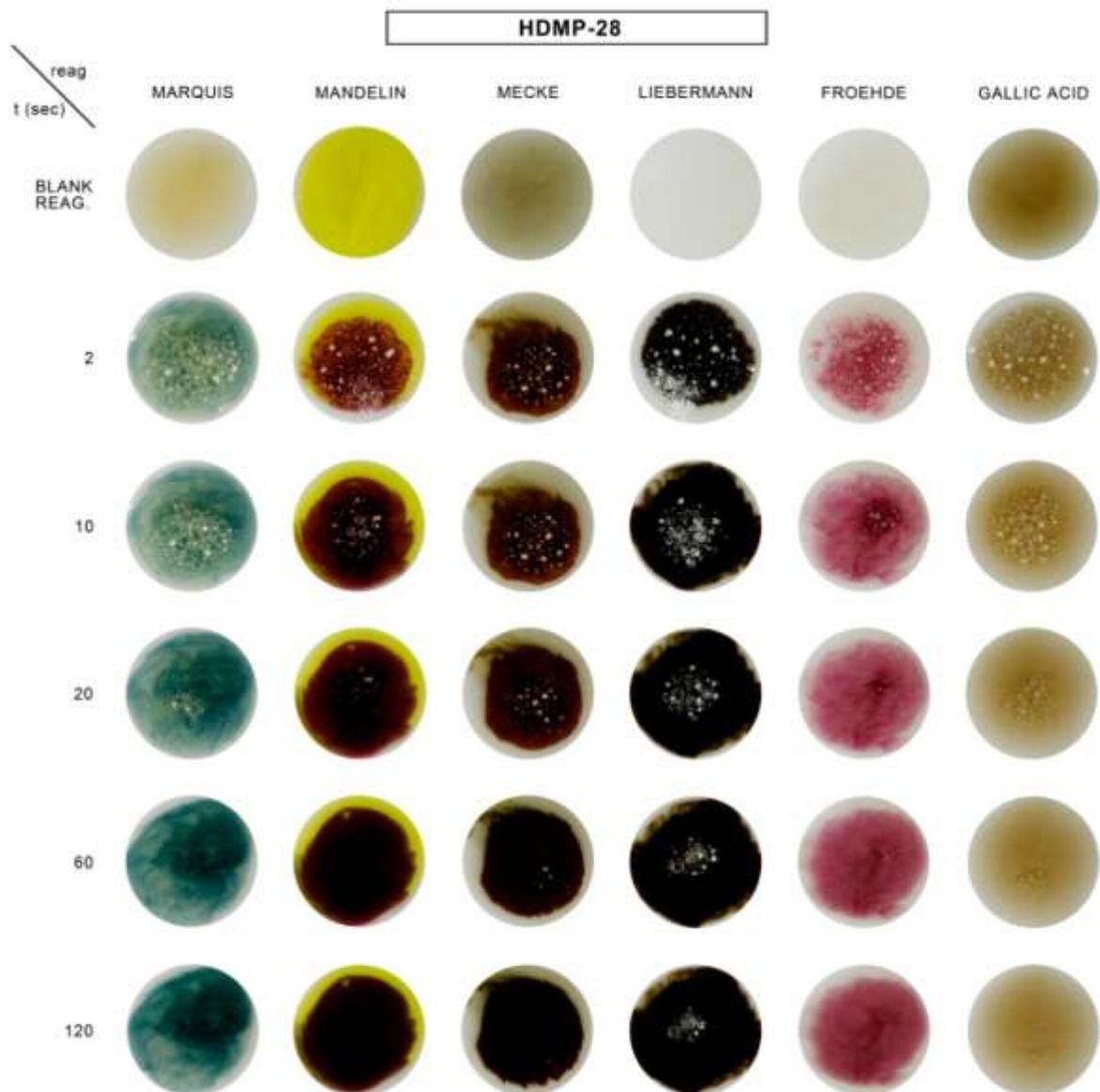


10. Piperidini & pirolidini

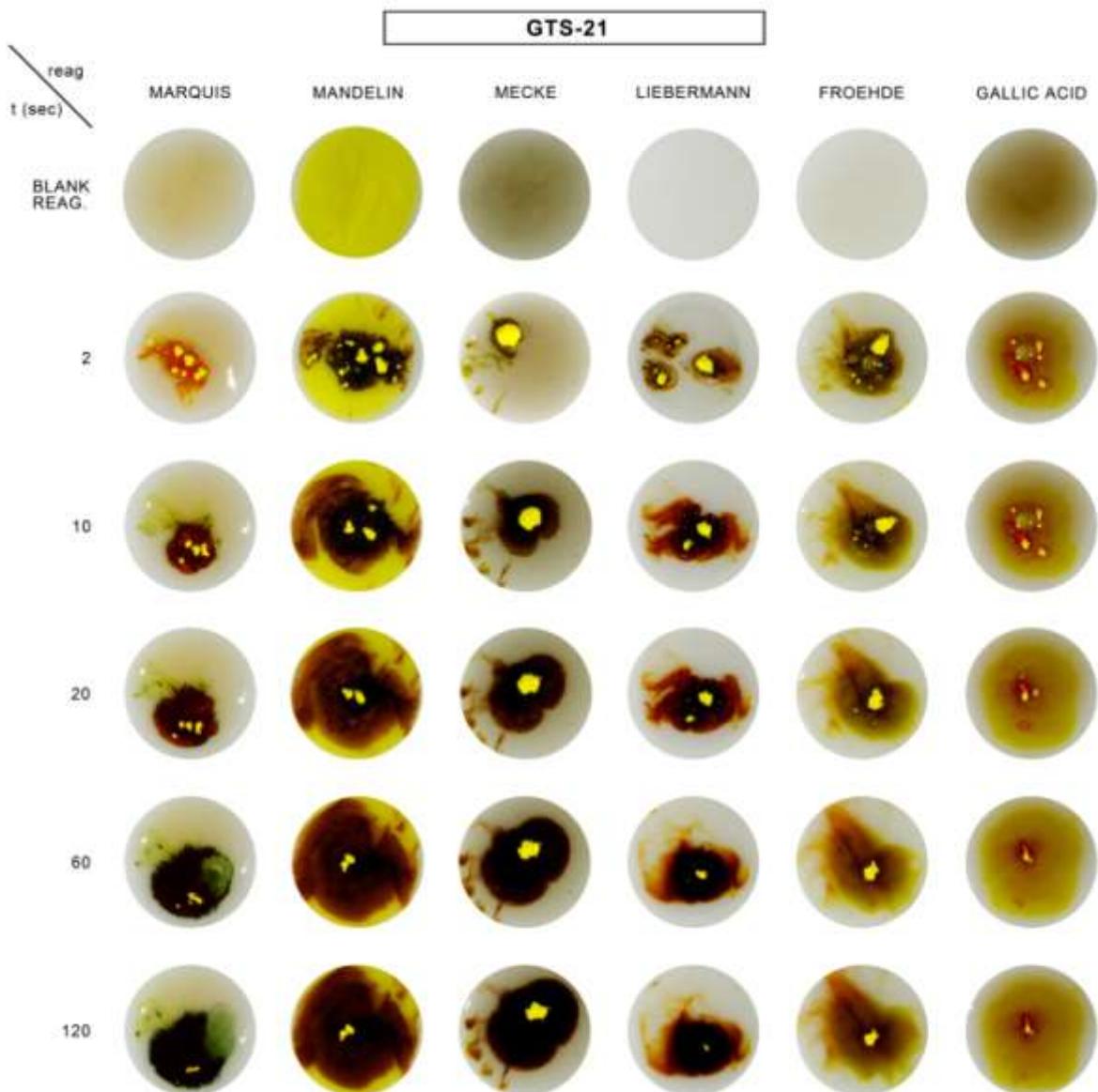
10.1. HDEP-28



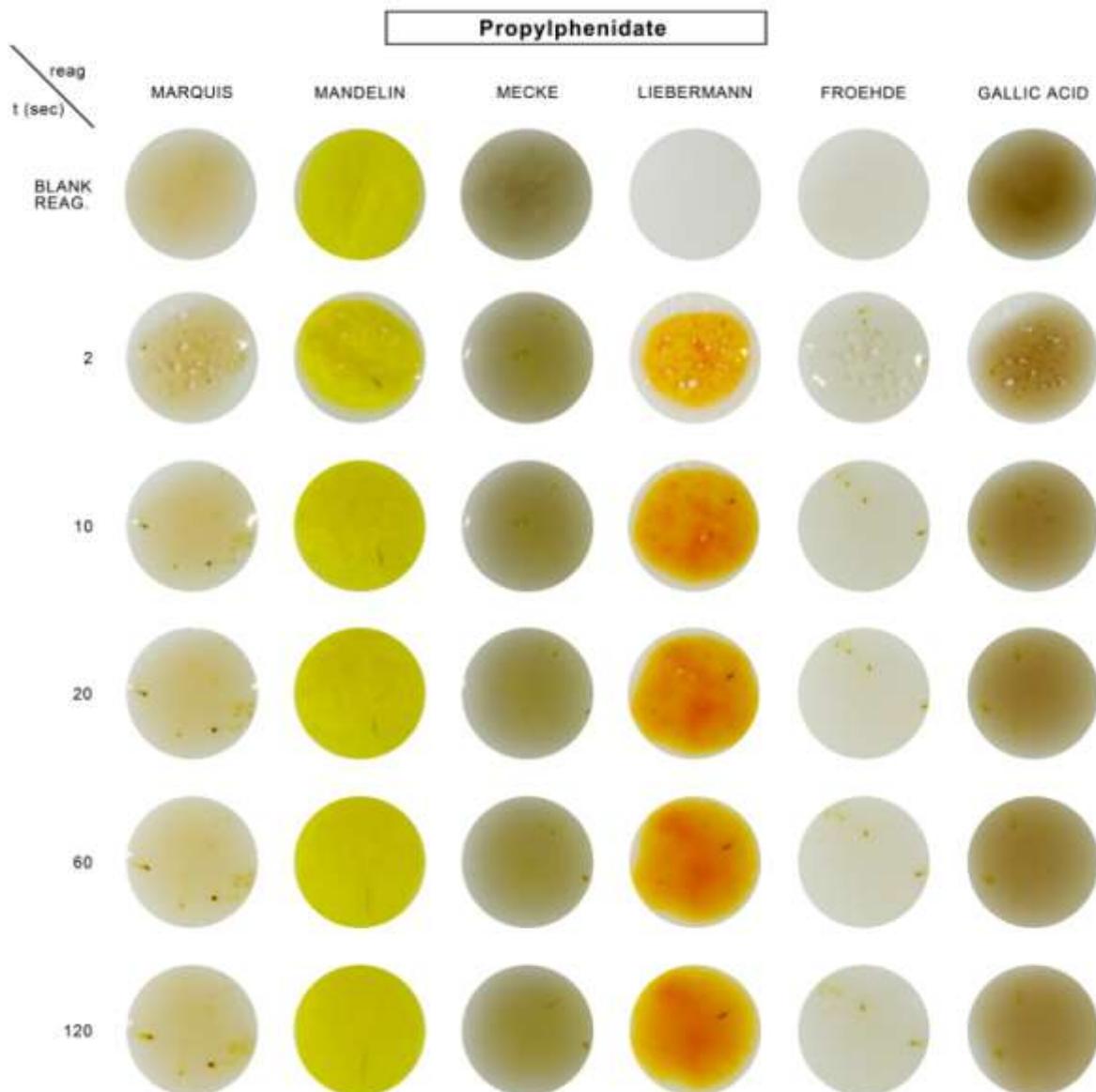
10.2. HDMP-28



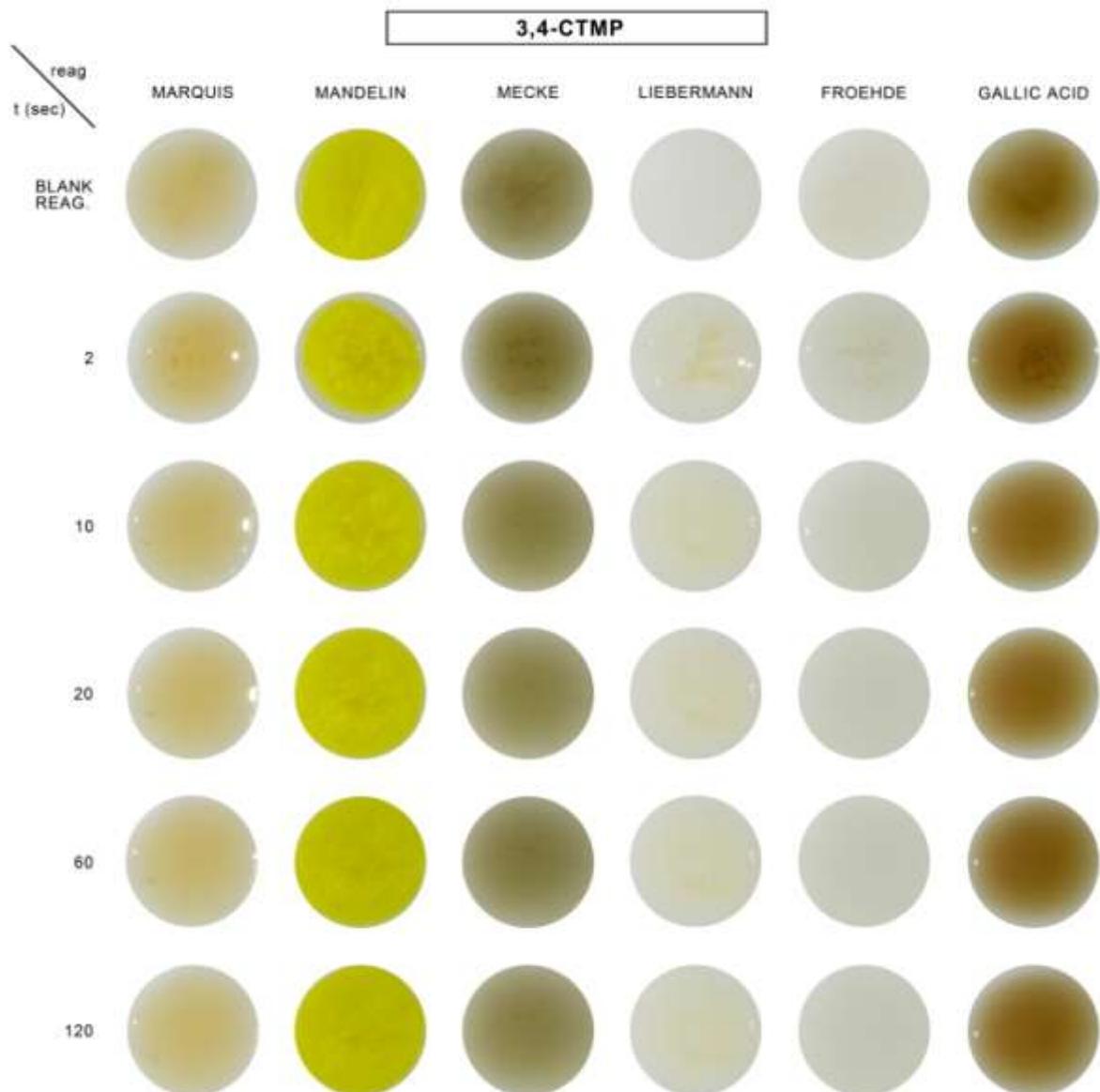
10.3. GTS-21



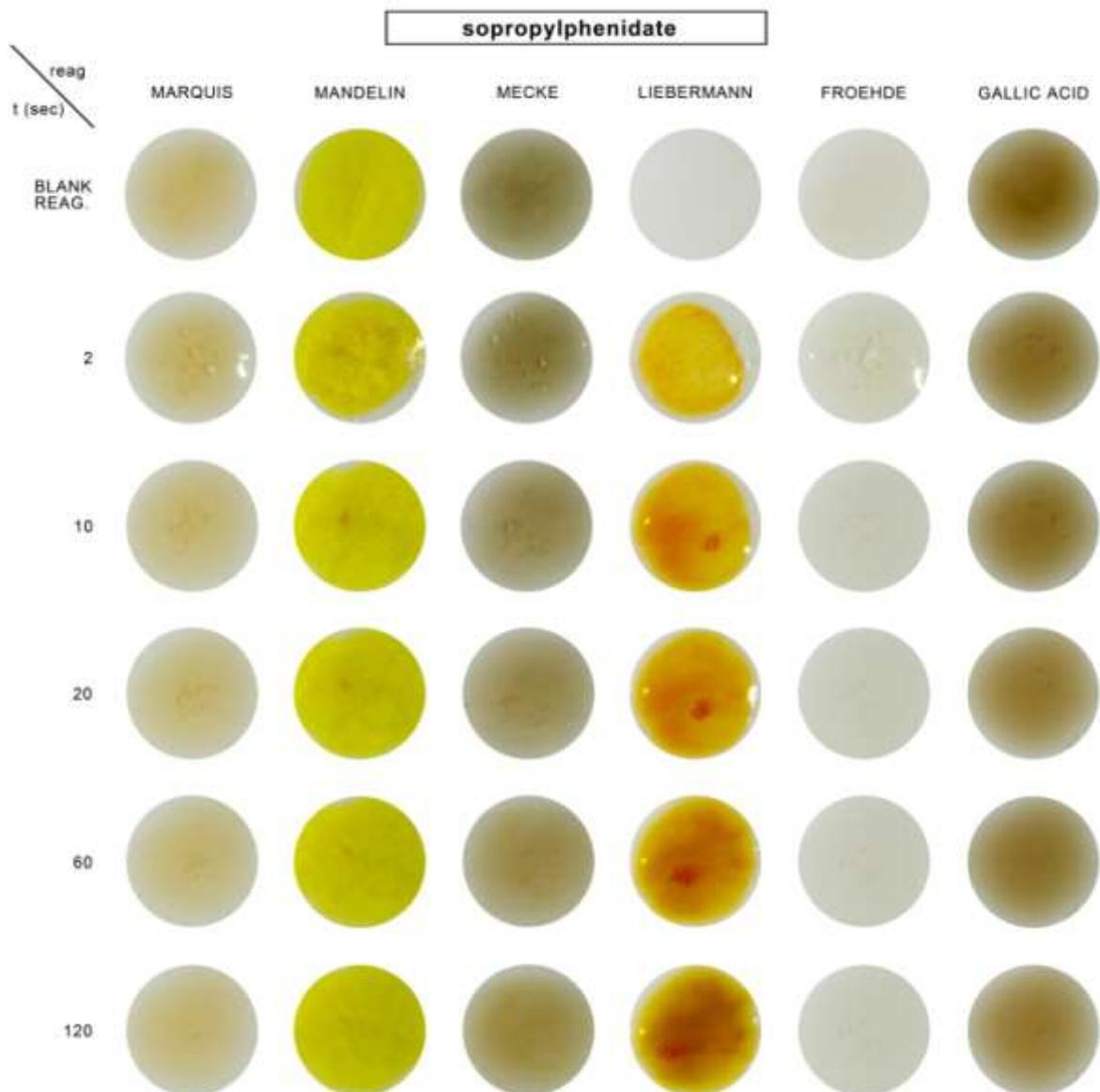
10.4. Propylphenidate



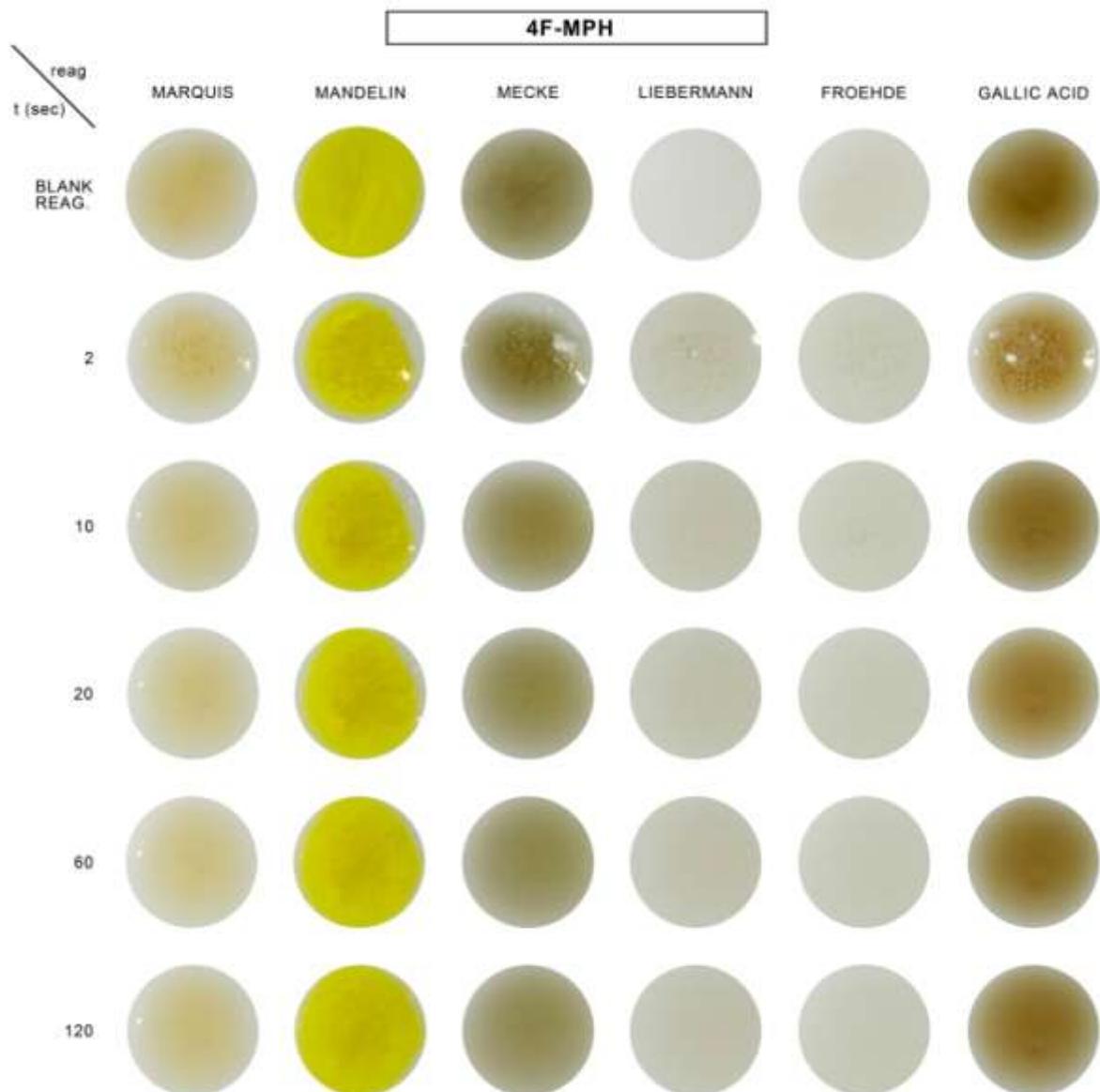
10.5. 3,4-CTMP



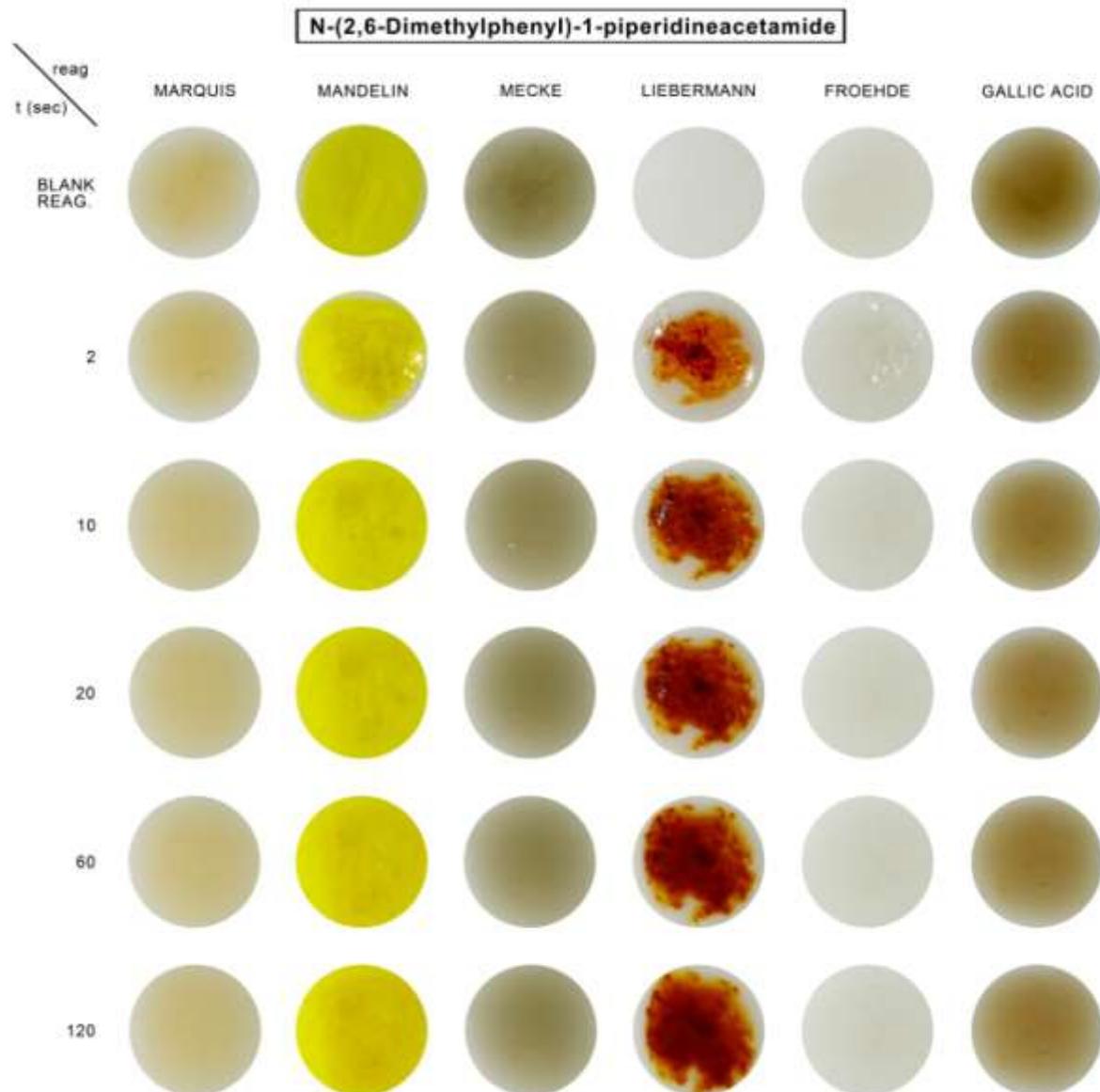
10.6. Isopropylphenidate



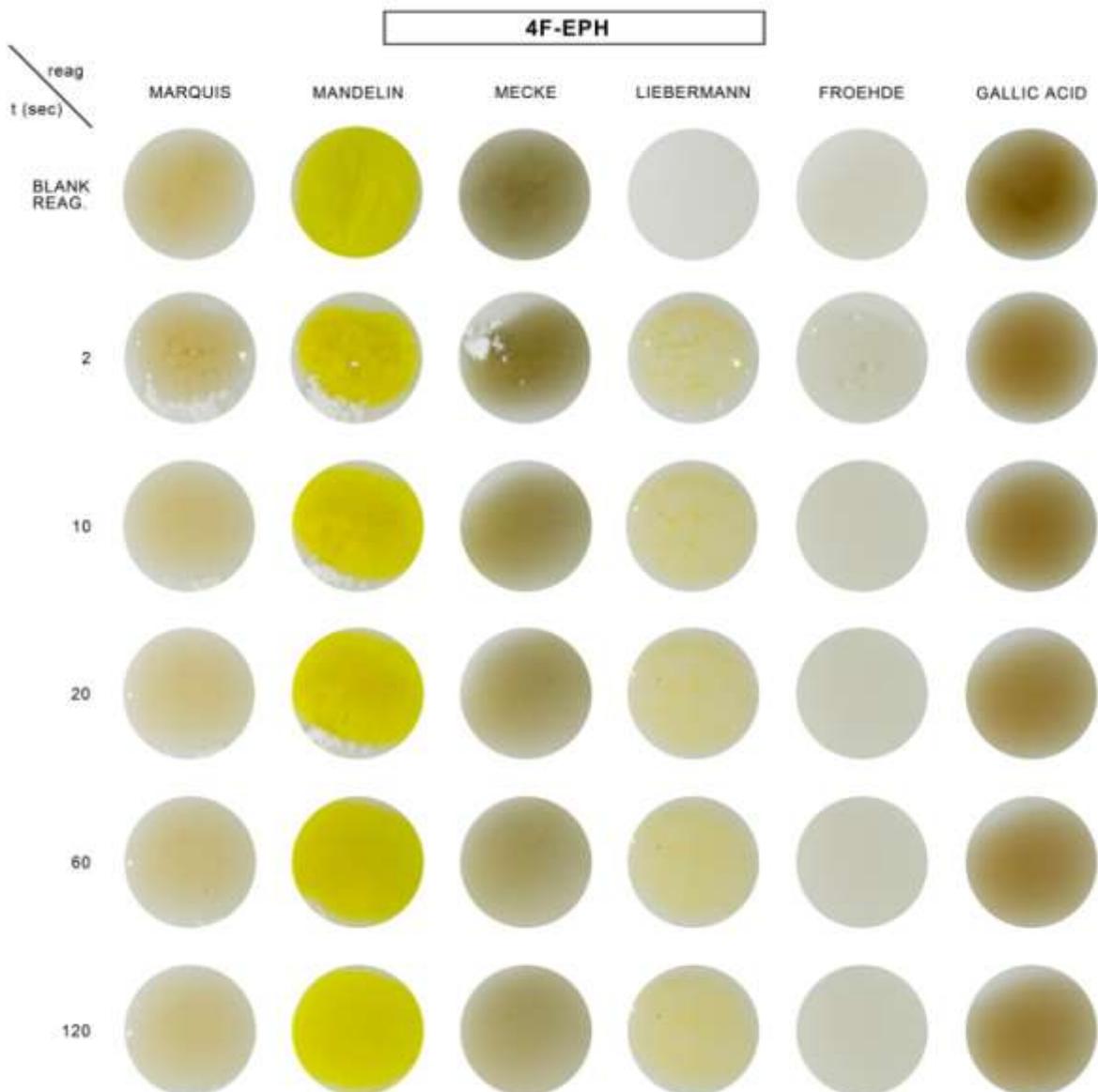
10.7. 4F-MPH



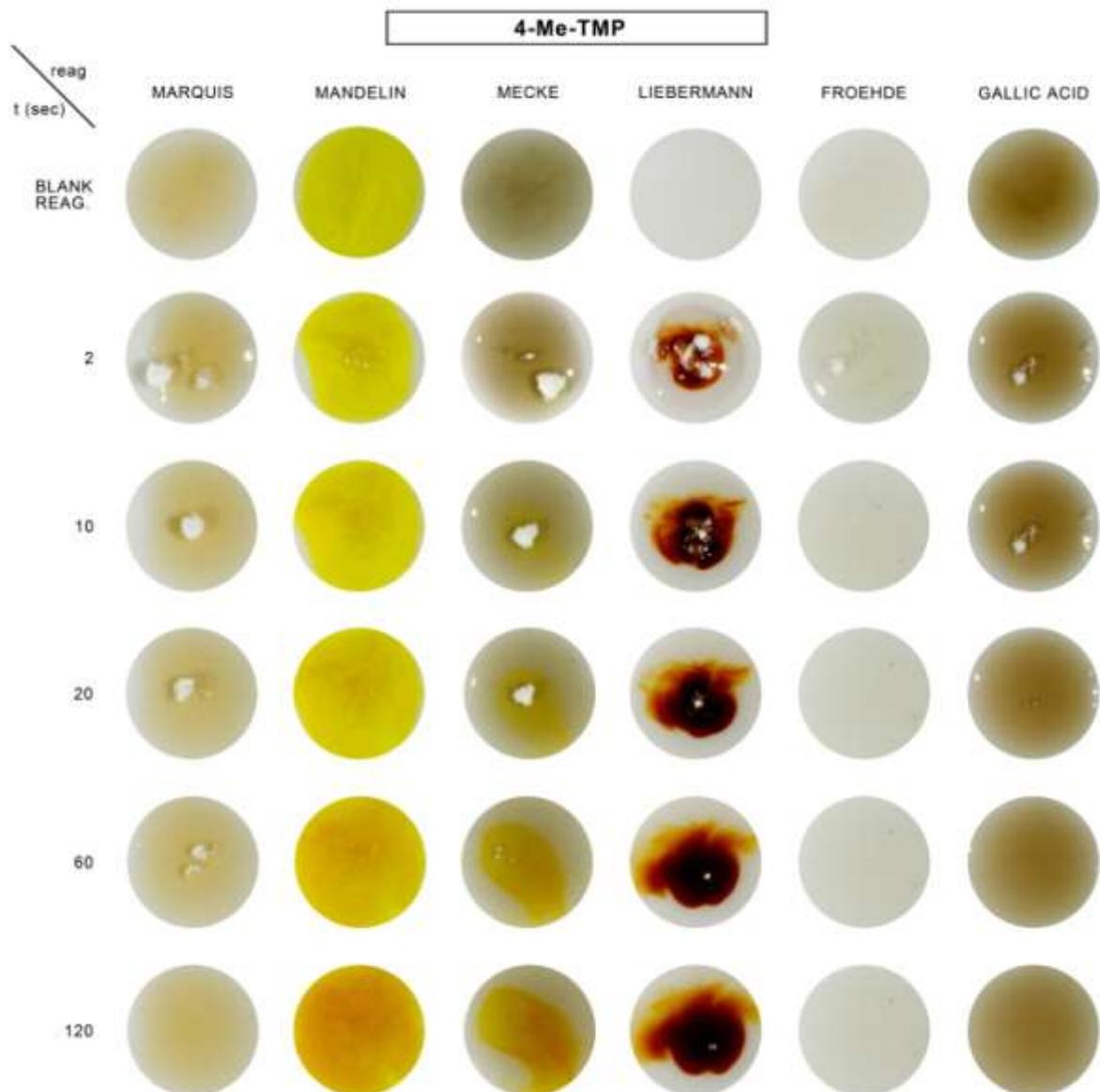
10.8. N-(2,6-Dimethylphenyl)-1-piperidineacetamide



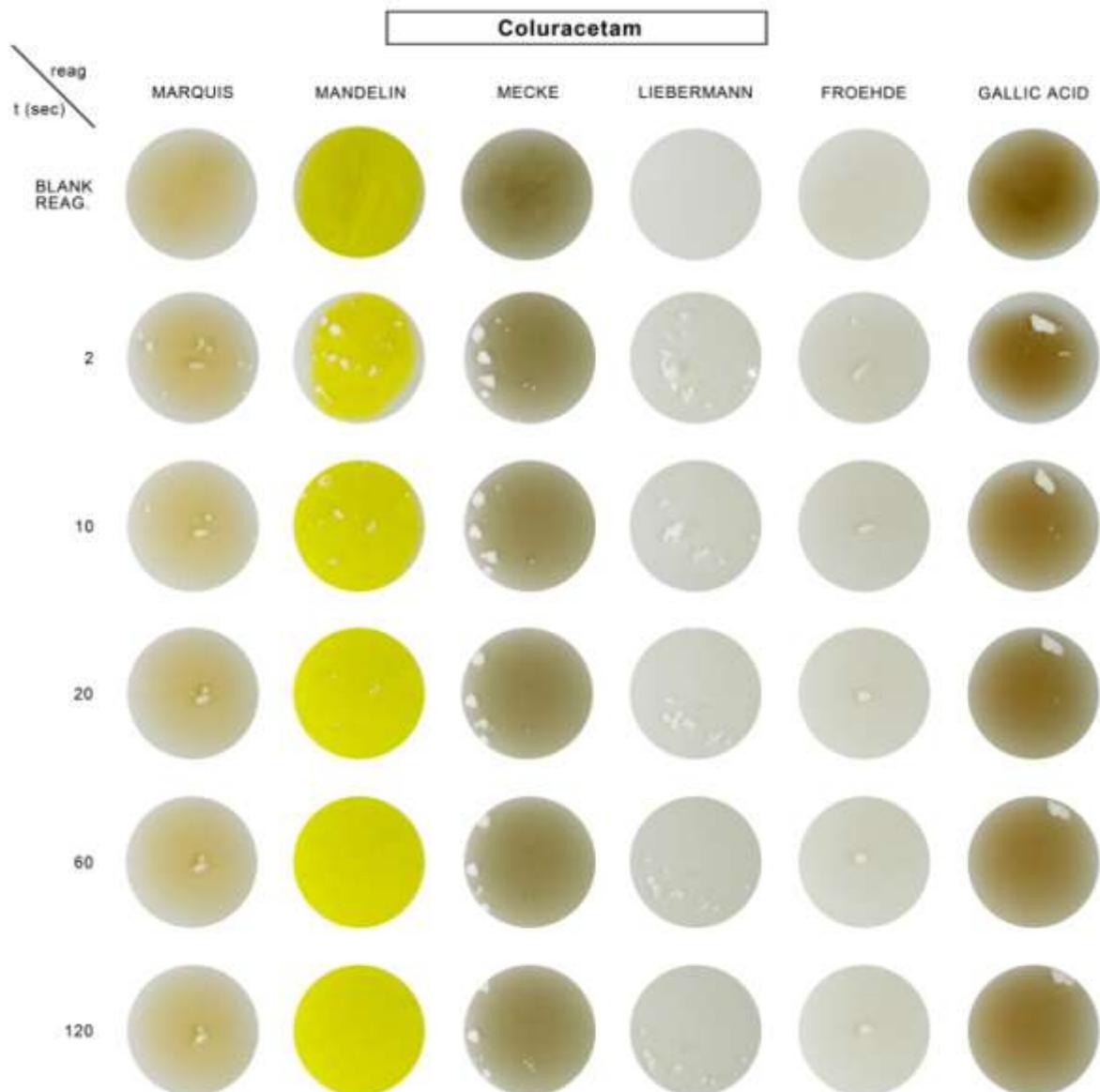
10.9. 4F-EPH



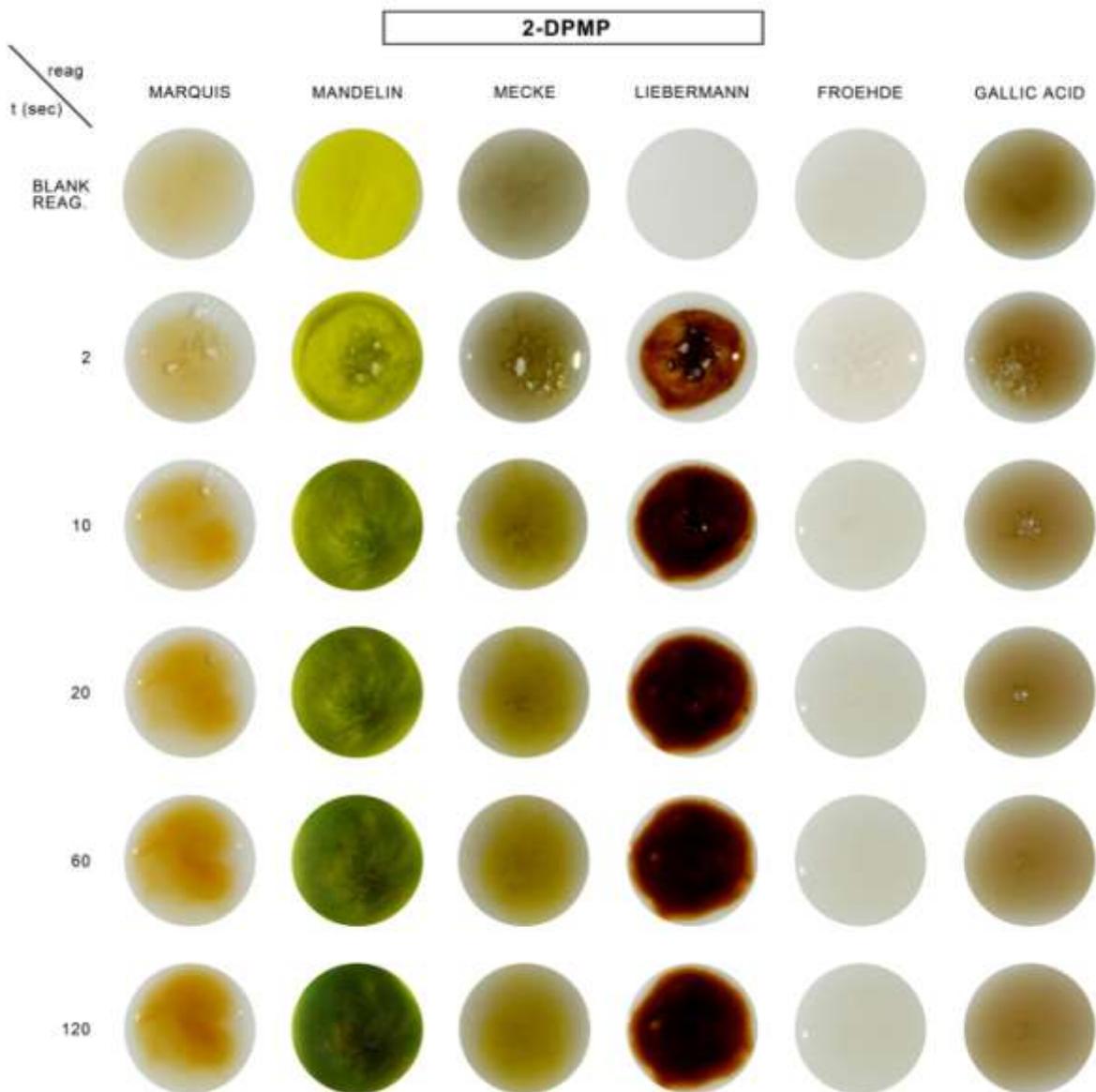
10.10. 4-Me-TMP



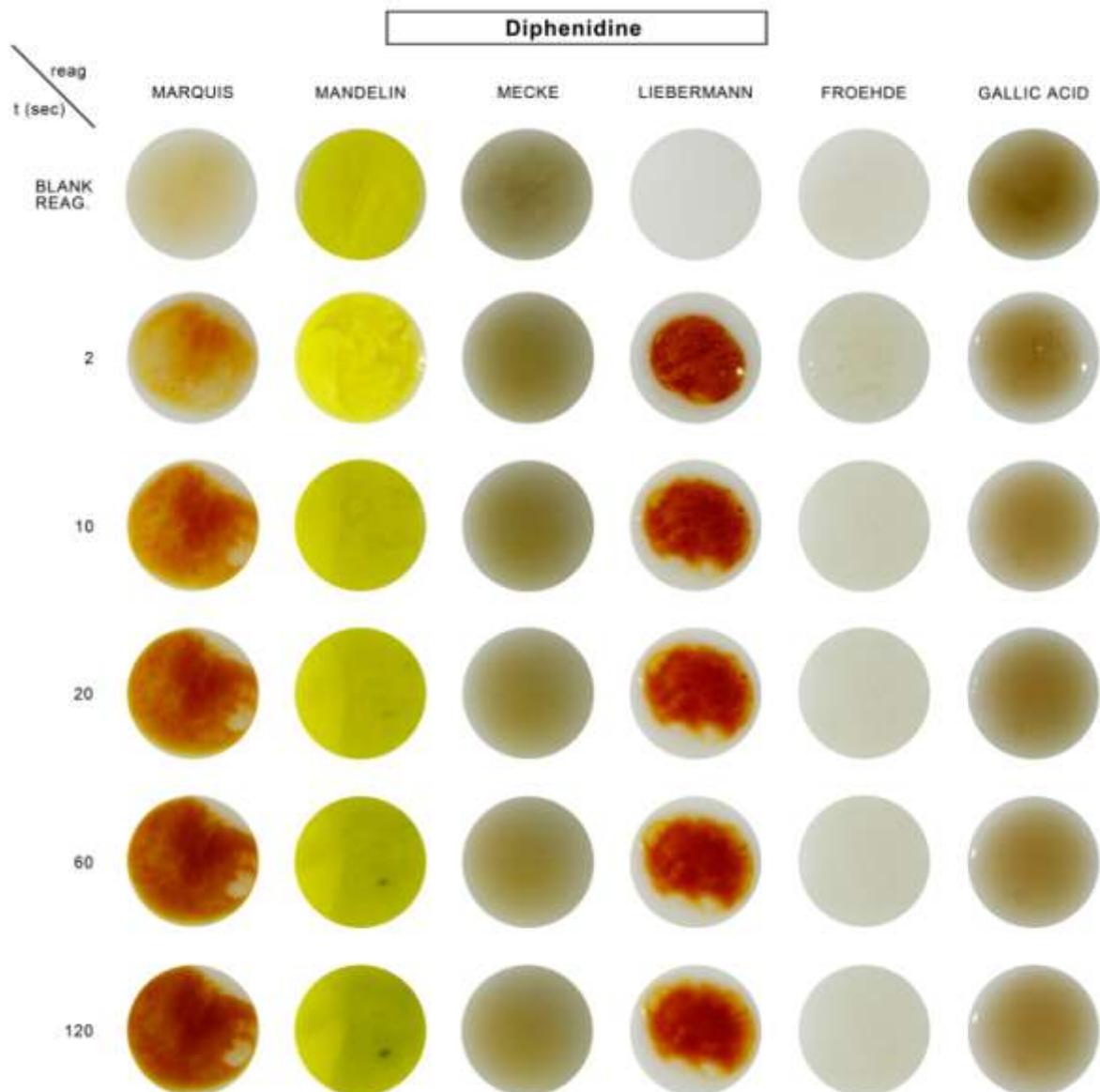
10.11. Coluracetam



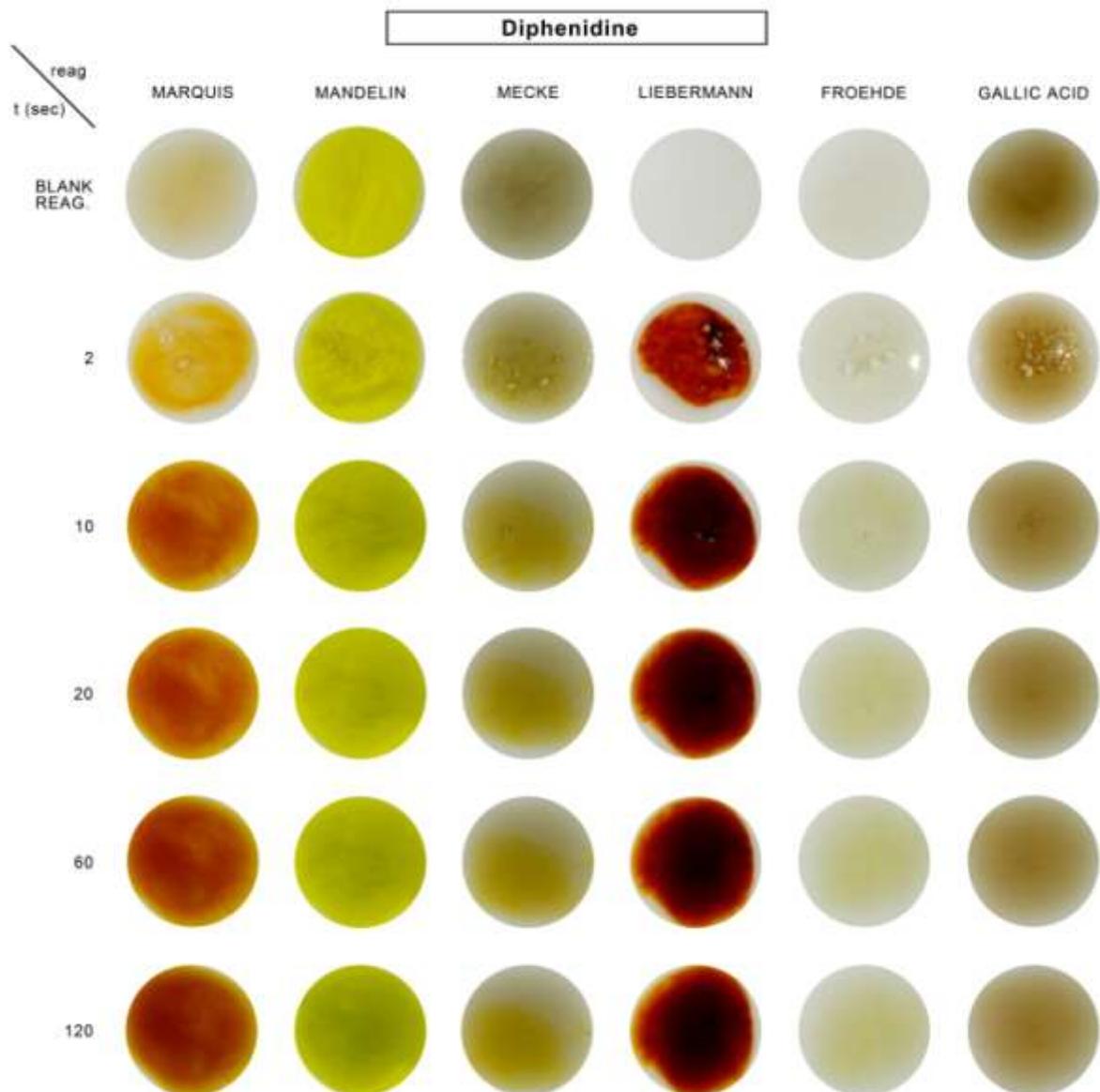
10.12. 2-DPMP



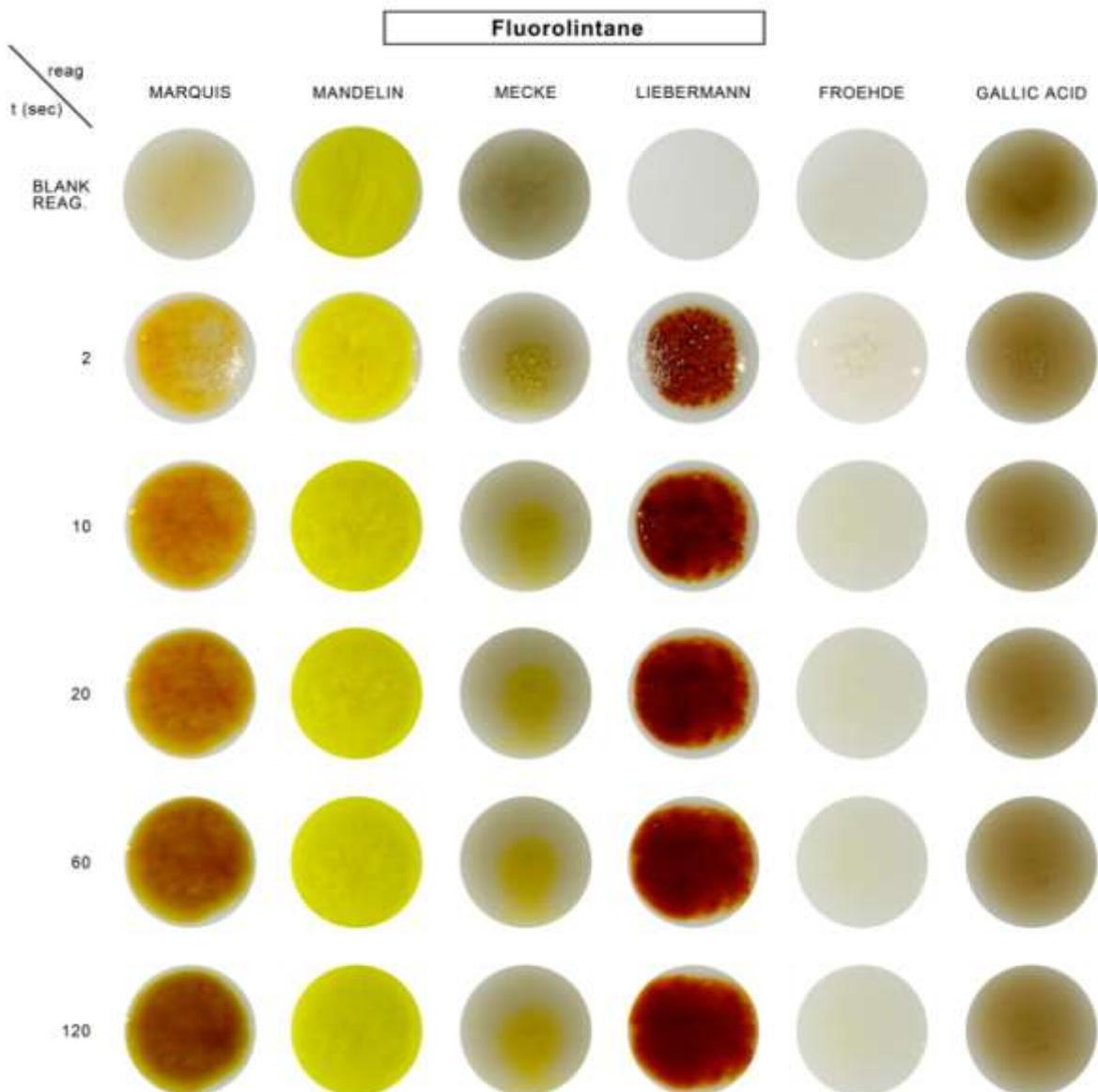
10.13. Diphenididine



10.14. Diphenidine



10.15. Fluorolintane



References

ⁱ Rapid Testing Methods of Drugs of Abuse. Manual for use by national law enforcement and narcotics laboratory personnel (ST/NAR/13/REV.1), United Nations, New York, 1994;
https://www.unodc.org/documents/scientific/Rapid_Testing_Methods_of_Drugs_of_Abuse_E.pdf

ⁱⁱ Color Test Reagents/Kits for Preliminary Identification of Drugs of Abuse". Law Enforcement and Corrections Standards and Testing Program. July 2000. <https://www.ncjrs.gov/pdffiles1/nij/183258.pdf>