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Thermolytic Degradation of Synthetic Cannabinoids: Chemical Exposures and Pharmacological Consequences

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#	Paper	IF	Citations
35	Comparison of the discriminative stimulus and response rate effects of Δ^9 -tetrahydrocannabinol and synthetic cannabinoids in female and male rats. <i>Drug and Alcohol Dependence</i> , 2017 , 172, 51-59	4.9	27
34	Activity-Based Detection of Consumption of Synthetic Cannabinoids in Authentic Urine Samples Using a Stable Cannabinoid Reporter System. <i>Analytical Chemistry</i> , 2017 , 89, 9527-9536	7.8	61
33	Pharmacology of Cumyl-Carboxamide Synthetic Cannabinoid New Psychoactive Substances (NPS) CUMYL-BICA, CUMYL-PICA, CUMYL-5F-PICA, CUMYL-5F-PINACA, and Their Analogues. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 2159-2167	5.7	31
32	The great divide: Separation between <i>in vitro</i> and <i>in vivo</i> effects of PSNCBAM-based CB receptor allosteric modulators. <i>Neuropharmacology</i> , 2017 , 125, 365-375	5.5	17
31	Vaping Synthetic Cannabinoids: A Novel Preclinical Model of E-Cigarette Use in Mice. <i>Substance Abuse: Research and Treatment</i> , 2017 , 11, 1178221817701739	1.6	25
30	The chemistry and pharmacology of synthetic cannabinoid SDB-006 and its regioisomeric fluorinated and methoxylated analogs. <i>Drug Testing and Analysis</i> , 2018 , 10, 1099	3.5	7
29	Synthetic cannabinoids in hair - Pragmatic approach for method updates, compound prevalences and concentration ranges in authentic hair samples. <i>Analytica Chimica Acta</i> , 2018 , 1006, 61-73	6.6	20
28	Molecular and Behavioral Pharmacological Characterization of Abused Synthetic Cannabinoids MMB- and MDMB-FUBINACA, MN-18, NNEI, CUMYL-PICA, and 5-Fluoro-CUMYL-PICA. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 365, 437-446	4.7	48
27	In vitro metabolism of the synthetic cannabinoids CUMYL-PINACA, 5F-CUMYL-PINACA, CUMYL-4CN-BINACA, 5F-CUMYL-P7AICA and CUMYL-4CN-B7AICA. <i>Drug Testing and Analysis</i> , 2018 , 10, 148-157	3.5	26
26	Effect fingerprinting of new psychoactive substances (NPS): What can we learn from <i>in vitro</i> data?. <i>Pharmacology & Therapeutics</i> , 2018 , 182, 193-224	13.9	51
25	Cannabinoid ligands, receptors and enzymes: Pharmacological tools and therapeutic potential. <i>Brain and Neuroscience Advances</i> , 2018 , 2, 2398212818783908	4	16
24	The Chemistry and Pharmacology of Synthetic Cannabinoid Receptor Agonist New Psychoactive Substances: Evolution. <i>Handbook of Experimental Pharmacology</i> , 2018 , 252, 191-226	3.2	34
23	Toxic by design? Formation of thermal degradants and cyanide from carboxamide-type synthetic cannabinoids CUMYL-PICA, 5F-CUMYL-PICA, AMB-FUBINACA, MDMB-FUBINACA, NNEI, and MN-18 during exposure to high temperatures. <i>Forensic Toxicology</i> , 2019 , 37, 17-26	2.6	18
22	In vitro determination of the efficacy of illicit synthetic cannabinoids at CB receptors. <i>British Journal of Pharmacology</i> , 2019 , 176, 4653-4665	8.6	25
21	Identification of a thermal degradation product of CUMYL-PEGACLONE and its detection in biological samples. <i>Drug Testing and Analysis</i> , 2019 , 11, 1480-1485	3.5	6
20	Do you feel it now? Route of administration and Δ^9 -tetrahydrocannabinol-like discriminative stimulus effects of synthetic cannabinoids in mice. <i>NeuroToxicology</i> , 2019 , 73, 161-167	4.4	11
19	Synthetic Cannabinoid Hydroxypentyl Metabolites Retain Efficacy at Human Cannabinoid Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 368, 414-422	4.7	23

18	Evidence of enzyme-mediated transesterification of synthetic cannabinoids with ethanol: potential toxicological impact. <i>Forensic Toxicology</i> , 2020 , 38, 95-107	2.6	3
17	DARK Classics in Chemical Neuroscience: Synthetic Cannabinoids (Spice/K2). <i>ACS Chemical Neuroscience</i> , 2019 ,	5.7	9
16	Differential activation of G protein-mediated signaling by synthetic cannabinoid receptor agonists. <i>Pharmacology Research and Perspectives</i> , 2020 , 8, e00566	3.1	9
15	In vitro and in vivo pharmacological evaluation of the synthetic cannabinoid receptor agonist EG-018. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 193, 172918	3.9	3
14	Evaluation of carboxamide-type synthetic cannabinoids on the functional activities at cannabinoid receptors and biological effects via inhalation exposure test. <i>Forensic Toxicology</i> , 2020 , 38, 455-464	2.6	2
13	Synthetic cannabinoid receptor agonists: Analytical profiles and development of QMPSB, QMMSB, QMPCB, 2F-QMPSB, QMiPSB, and SGT-233. <i>Drug Testing and Analysis</i> , 2021 , 13, 175-196	3.5	1
12	Highly sensitive screening and analytical characterization of synthetic cannabinoids in nine different herbal mixtures. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 2257-2273	4.4	2
11	Synthetic Cannabinoids 5F-QUPIC and MDMB-CHMICA in Plant Material Identification and Quantification by Gas Chromatography Mass Spectrometry (GC-MS), Nuclear Magnetic Resonance (NMR), and High-Performance Liquid Chromatography with Diode Array Detection (HPLC-DAD). <i>Analytical Letters</i> , 2021 , 54, 2608-2610	2.2	0
10	Overview of Synthetic Cannabinoids ADB-FUBINACA and AMB-FUBINACA: Clinical, Analytical, and Forensic Implications. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4
9	Vaping and lung cancer - A review of current data and recommendations. <i>Lung Cancer</i> , 2021 , 153, 11-20	5.9	11
8	Air monitoring for illegal drugs including new psychoactive substances: A review of trends, techniques and thermal degradation products. <i>Drug Testing and Analysis</i> , 2021 , 13, 1078-1094	3.5	2
7	Tetrahydrocannabinol discrimination: Effects of route of administration in rats. <i>Drug and Alcohol Dependence</i> , 2021 , 225, 108827	4.9	3
6	In vitro determination of the CB1 efficacy of illicit synthetic cannabinoids.		2
5	The Spicy Story of Cannabimimetic Indoles. <i>Molecules</i> , 2021 , 26,	4.8	3
4	Differential activation of G-protein-mediated signalling by synthetic cannabinoid receptor agonists.		
3	Structure elucidation of the novel synthetic cannabinoid Cumyl-tosyl-indazole-3-carboxamide (Cumyl-TsINACA) found in illicit products in Germany.. <i>Drug Testing and Analysis</i> , 2022 ,	3.5	0
2	In vitro and in vivo pharmacology of nine novel synthetic cannabinoid receptor agonists. 2022 , 220, 173467		0
1	Off-target pharmacological profiling of synthetic cannabinoid receptor agonists including AMB-FUBINACA, CUMYL-PINACA, PB-22, and XLR-11. 13,		0

