|  |
| --- |
| Table 1. Chemical classification of cannabinoids and synthetic cannabioids |
| Class of cannabinoids or Synthetic cannabinoids (SCs) | Example(s) |
| Classical cannabinoids | Tetrahydrocannabinol (THC), cannabidiol, cannabinol as natural cannabinoids found in *Cannabis sativa L.* plant and their related synthetic analogues e. g. HU-210, AM-906, AM-411, O-1184 |
| Nonclassical cannabinoids | Cyclohexylphenols or 3-arylcyclohexanols such as CP-47,497-C8, CP- 55,940, CP-55,244 |
| Hybrid cannabinoids | AM-4030 |
| Aminoalkylindoles | Naphtoylindoles (e. g. JWH-018, JWH-073, JWH-398, JWH-015, JWH-122, JWH-210, JWH-081, JWH-200, WIN-55,212, EAM-2201 (4'-ethyl-AM-2201, 5"-fluoro-JWH-210); phenylacetylindoles (e. g. JWH-250, JWH-251); naphthylmethylindoles and benzoylindoles (e. g. pravadoline, AM-694, RSC-4), MDMB-CHIMICA (other names: AMB-CHMINACA or MMB-CHMINACA), MDMB-CHMCZCA, RCS-4 or 1-pentyl-3-(4-methoxybenzoyl)indole |
| Eicosanoids | Endocannabinoids such as anandamide, and their synthetic analogs e. g. methanandamide |
| [Benzimidazole](https://en.wikipedia.org/wiki/Benzimidazole) | FUBIMINA (also known as BIM-2201, BZ-2201 and FTHJ) |
| [Indazole](https://en.wikipedia.org/wiki/Indazole)-based SCs | ADSB-FUB-187, 5F-AB-PINACA, THJ-018, THJ-2201, FDU-PB-22 and FUB-PB-22, N-(1-carbamoyl-2-phenylethyl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide (PPA(N)-2201) |
| Others | Diarylpyrazoles (Rimonabant), naphtoylpyrroles (JWH-307), naphthylmethylindenes or derivatives of naphthalene-1-yl-(4-pentyloxynaphthalen-1-yl)methanone (CRA-13), carboxamide-type synthetic cannabinoids [5F-APP-PICA (also known as PX 1 or SRF-3)], N-(1-amino-1-oxo-3-phenylpropan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide (PX-2), and N-(1-amino-1-oxo-3-phenylpropan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide (PX-3), AMB-FUBINACA (also known as FUB-AMB or MMB-FUBINACA), EMB-FUBINACA, CUMYL-PICA, 5F-CUMYL-PICA, CUMYL-4CN-BINACA, 5F-CUMYL-P7AICA, CUMYL-4CN-B7AICA, NNEI, APINACA (AKB48, N-(1-adamantyl)-1-pentyl-1H-indazole-3-carboxamide) and MN-18], N-(1-carbamoylpropan-1-yl)-1-(5-fluoropentyl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide (NNL-1), (4-benzylpiperazin-1-yl)(1-(5-fluoropentyl)-1H-indol-3-yl)methanone (NNL-2), 1-benzyl-N-(1-carbamoyl-2,2-dimethylpropan-1-yl)-1H-indole-3-carboxamide (ADB-BICA), N-(adamantan-1-yl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide (STS-135), UR-144 [(1-pentyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone] |