

# NAMSDL



**National Alliance for Model State Drug Laws**

## **SYNTHETIC CANNABINOID TRADE NAME AND CHEMICAL COMPOUND CHART**

**The following chart may not include all trade or other names for the designated substances. It also may not include all variations in the chemical composition of the substance.**

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Trade or Other Name	Chemical Compound
A-834,735	1-(tetrahydropyran-4-ylmethyl)-1H-indol-3-yl]-(2,2,3,3-tetramethylcyclopropyl)methanone
AB-001	1-pentyl-3-(1-adamantoyl)indole
AM-694	1-(5-fluoropentyl)-3-(2-iodobenzoyl)indole; OR 1-[(5-fluoropentyl)-1H-indol-3-yl]-(2-iodophenyl)methanone
AM-1220	(R)-(1-((1-methylpiperidin-2-yl)methyl)-1H-indol-3-yl)(naphthalen-1-yl)methanone; OR 1-((N-methylpiperidin-2-yl)methyl)-3-(1-naphthoyl)indole; OR 1-[(N-methylpiperidin-2-yl)methyl]-3-(1-naphthoyl)indole
AM-1241	1-(methylpiperidin-2-ylmethyl)-3-(2-iodo-5-nitrobenzoyl)indole
AM-1248	1-[(N-methylpiperidin-2-yl)methyl]-3-(adamant-1-oyl)indole
AM-2201	1-(5-fluoropentyl)-3-(1-naphthoyl)indole
AM-2233	1-[(N-methylpiperidin-2-yl)methyl]-3-(2-iodobenzoyl)indole
BAY 38-7271	(-)-(R)-3-(2-Hydroxymethylindanyl-4-oxy)phenyl-4,4,4-trifluorobutyl-1-sulfonate
CB-13, SAB-378	Naphthalen-1-yl-(4-pentyloxynaphthalen-1-yl)methanone
CP 47,497	5-(1,1-dimethylheptyl)-2-[(1R,3S)-3-hydroxycyclohexyl]-phenol; OR 2-[(1R,3S)-3-hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol; OR [2-(3-hydroxycyclohexyl)-5-(2-methyloctan-2-yl)phenol]; OR 5-(1,1-dimethylheptyl)-2-[3-hydroxycyclohexyl]-phenol; OR 2-(3-hydroxycyclohexyl)-5-(2-methyloctan-2-yl)phenol
Cannabicyclohexanol, C8 homologue of CP 47,497	5-(1,1-dimethyloctyl)-2-[(1R,3S)-3-hydroxycyclohexyl]-phenol; OR 5-(1,1-dimethyloctyl)-2-(3-hydroxycyclohexyl)-phenol
CP 47,497 homologues	Known as the C6, C7, C8 or C9 homologues and also the dimethylhexyl, dimethyloctyl or dimethylnonyl homologues
CP 50,556-1, Levonantradol	9-hydroxy-6-methyl-3-[5-phenylpentan-2-yl]oxy-5,6,6a,7,8,9,10,10a-octahydrophenanthridin-1-yl]acetate; OR [(6S,6aR,9R, 10aR)-9-hydroxy-6-methyl-3-[(2R)-5-phenylpentan-2-yl]oxy-5,6,6a,7,8,9,10,10a-octahydrophenanthridin-1-yl] acetate; OR [9-hydroxy-6-methyl-3-[5-phenylpentan-2-yl]oxy-5,6,6a,7,8,9,10,10a-octahydrophenanthridin-1-yl]acetate
CP 55,940	2-[(1R,2R,5R)-5-hydroxy-2-(3-hydroxypropyl) cyclohexyl]-5-(2-methyloctan-2-yl)phenol
HU-210	(6aR,10aR)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydrobenzo[c] chromen-1-ol; OR [(6aR,10aR)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydrobenzo[c]chromen-1-ol]; OR 1,1-Dimethylheptyl-11-hydroxytetrahydrocannabinol
HU-211, Dexanabinol	(6aS, 10aS)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydrobenzo[c]chromen-1-ol; OR (6aS, 10aS)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-

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	tetrahydrobenzo[c]chromen-1-ol
HU-243	3-dimethylheptyl-11-hydroxyhexahydrocannabinol
HU-308	[(91R,2R,5R)-2-[2,6-dimethoxy-4-(2-methyloctan-2-yl)phenyl]-7,7-dimethyl-4-bicyclo[3.1.1]hept-3-enyl]methanol
HU-331	3-hydroxy-2-[(1R,6R)-3-methyl-6-(1-methylethenyl)-2-cyclohexen-1-yl]-5-pentyl-2,5-cyclohexadiene-1,4-dione
JTE-907	N-(benzol[1,3]dioxol-5-ylmethyl)-7-methoxy-2-oxo-8-pentyloxy-1,2-dihydroquinoline-3-carboxamide
JWH-007	1-pentyl-2-methyl-3-(1-naphthoyl)indole
JWH-015	(2-methyl-1-propyl-1H-indol-3-yl)-1-naphthalenylmethanone; OR 1-propyl-2-methyl-3-(1-naphthoyl)indole; OR (2-methyl-1-propyl-1H-indol-3-yl)-1-naphthalenyl-methanone
JWH-016	
JWH-018, AM-678	1-pentyl-3-(1-naphthoyl)indole; OR naphthalen-1-yl-(1-pentylindol-3-yl)methanone; OR 1-pentyl-3-(naphthoyl)indole
JWH-019	naphtalen-1-yl-(1-pentylindol-3-yl)methanone; OR 1-hexyl-3-(1-naphthoyl)indole; OR 1-hexyl-3-(naphthoyl)indole; OR 1-hexyl-3-(naphthalen-1-oyl)indole
JWH-073	1-butyl-3-(1-naphthoyl)indole; OR naphthalene-1-yl-(1-butylyndol-3-yl)methanone; OR 1-butyl-3-(naphthoyl)indole
JWH-081	4-methoxynaphthalen-1-yl-(1-pentylindol-3-yl)methanone; OR 1-pentyl-3-(4-methoxy-1-naphthoyl)indole; OR 4-methoxynaphthalen-1-yl-(1-pentylindole-3-yl)methanone; OR 1-pentyl-3-[1-(4-methoxynaphthoyl)]indole
JWH-098	1-pentyl-2-methyl-3-(4-methoxy-1-naphthoyl)indole; OR 4-methoxynaphthalen-1-yl-(1-pentyl-2-methylindol-3-yl)methanone
JWH-122	1-pentyl-3-(4-methyl-1-naphthoyl)indole; OR (4-methyl-1-naphthalenyl)(1-pentyl-1H-indol-3-yl)-methanone
JWH-164	1-pentyl-3-(7-methoxy-1-naphthoyl)indole; OR 7-methoxynaphthalen-1-yl-(1-pentylindol-3-yl)methanone
JWH-167	1-pentyl-3-(phenylacetyl)indole
JWH-175	3-(naphthalen-1-ylmethyl)-1-pentyl-1H-indole; OR 1-Pentyl-1H-indol-3-yl-(1-naphthyl)methane
JWH-176	E-1-[1-(1-Naphthalenylmethylene)-1H-inden-3-yl]pentane
JWH-184	1-Pentyl-1H-indol-3-yl-(4-methyl-1-naphthyl)methane
JWH-199	
JWH-200	1-[2-(4-morpholinyl)ethyl]-3-(1-naphthoyl)indole; OR (1-(2-morpholin-4-ylethyl)indol-3-yl)-naphthalen-1-ylmethanone; OR [1-[2-(4-morpholinyl)ethyl]-1H-indol-3-yl]-1-naphthalenyl-methanone; OR 1-(2-(4-(morpholinyl)ethyl))-3-(1-naphthoyl)indole
JWH-201	1-pentyl-3-(4-methoxyphenylacetyl)indole; OR 1-pentyl-3-(4-methoxyphenylacetyl)indole
JWH-203	2-(2-chlorophenyl)-1-(1-pentylindol-3-yl)ethanone; OR 1-pentyl-3-

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	(2-chlorophenylacetyl)indole
JWH-210	4-ethylnaphthalen-1-yl-(1-pentylindol-3-yl)methanone; OR 1-pentyl-3-(4-ethyl-1-naphthoyl)indole
JWH-250	2-(2-methoxyphenyl)-1-(1-pentylindol-3-yl)ethanone; OR 1-pentyl-3-(2-methoxyphenylacetyl)indole; OR 1-pentyl-3-(methoxyphenylacetyl)indole; OR 1-(1-pentyl-1H-indol-3-yl)-2-(2-methoxyphenyl)-ethanone
JWH-251	2-(2-methylphenyl)-1-(1-pentyl-1H-indol-3-yl)ethanone; OR 1-pentyl-3-(2-methylphenylacetyl)indole
JWH-307	(5-(2-fluorophenyl)-1-pentylpyrrol-3-yl)-naphthalen-1-ylmethanone
JWH-398	1-pentyl-3-(4-chloro-1-naphthoyl)indole
MAM-2201	4-methyl-1-naphthalenyl(1-fluoropentyl-1H-indol-3-yl)methanone
RCS-4, SR-19	[(4-methoxyphenyl)(1-pentyl-1H-indol-3-yl)methanone]; OR 1-pentyl-3-[(4-methoxy)-benzoyl]indole; OR 1-pentyl-3-(4-methoxybenzoyl)indole; OR (4-methoxyphenyl)(1-pentyl-1H-indol-3-yl)methanone
RCS-8	1-(2-(2-cyclohexylethyl)-1H-indol-3-yl)-2-(2-methoxyphenylethanone); OR 1-[2-(2-cyclohexylethyl)-1H-indol-3-yl]-2-methoxyphenylethanone; OR 1-(2-cyclohexylethyl)-3-(2-methoxyphenylacetyl)indole
URB597	[3-(3-carbamoylphenyl)phenyl]-N-cyclohexylcarbamate
WIN 48,098, Pravadoline	(4-Methoxyphenyl)-[2-methyl-1-(2-(4-morpholinyl)ethyl)indol-3-yl]methanone; OR (4-methoxyphenyl)-[2-methyl-1-(2-morpholin-4-ylethyl)indol-3-yl]methanone
WIN 55,212-2	(R)-(+)-[2,3-dihydro-5-methyl-3-(4-morpholinylmethyl)pyrrolo[1,2,3-de]-1,4-benzoxazin-6-yl]-1-naphthalenylmethanone; OR [2,3-Dihydro-5-methyl-3-(4-morpholinylmethyl)pyrrolo[(1,2,3-de)-1,4-benzoxazin-6-yl]-1-naphthalenylmethanone
Generic language 1	<p>The term Cannabimimetic Agents means, collectively, the chemicals that meet the criteria of any one or more of paragraphs (a) through (e). Any substance within the structural classes identified below that is a cannabinoid receptor type 1 (CB1 receptor) agonist as demonstrated by binding studies and functional assays:</p> <p>(a) 2-(3-hydroxycyclohexyl)phenol with substitution at the 5-position of the phenolic ring by alkyl or alkenyl, whether or not substituted on the cyclohexyl ring to any extent.</p> <p>(b) 3-(1-naphthoyl)indole or 3-(1-naphthyl)indole by substitution at the nitrogen atom of the indole ring, whether or not further substituted on the indole ring to any extent, whether or not substituted on the naphthoyl or naphthyl ring to any extent.</p>

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	<p>(c) 3-(1-naphthoyl)pyrrole by substitution at the nitrogen atom of the pyrrole ring, whether or not further substituted in the indole ring to any extent, whether or not substituted on the naphthoyl ring to any extent.</p> <p>(d) 1-(1-naphthylmethyl)indene by substitution of the 3-position of the indene ring, whether or not further substituted in the indene ring to any extent, whether or not substituted on the naphthyl ring to any extent.</p> <p>(e) 3-phenylacetylindole or 3-benzoylindole by substitution at the nitrogen atom of the indole ring, whether or not further substituted in the indole ring to any extent, whether or not substituted on the phenyl ring to any extent.</p>
Generic language 2	<p>Groups 1 and 2 (Naphthoylindoles and naphthylmethylindoles) (N = 74 and 9 respectively)  “Any compound structurally derived from 3-(1-naphthoyl)indole or 1H-indol-3-yl-(1-naphthyl)methane by substitution at the nitrogen atom of the indole ring by alkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl or 2-(4-morpholinyl)ethyl whether or not further substituted in the indole ring to any extent, whether or not substituted in the naphthyl ring to any extent.”</p> <p>Group 3 (Naphthoylpyrroles) (N = 32)  “Any compound structurally derived from 3-(1-naphthoyl)pyrrole by substitution at the nitrogen atom of the pyrrole ring by alkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl or 2-(4-morpholinyl)ethyl, whether or not further substituted in the pyrrole ring to any extent ,whether or not substituted in the naphthyl ring to any extent..”</p> <p>Group 4 (Naphthylmethylindenenes) (N = 3)  “Any compound structurally derived from 1-(1-naphthylmethyl)indene by substitution at the 3-position of the indene ring by alkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl or 2-(4-morpholinyl)ethyl whether or not further substituted in the indene ring to any extent, whether or not substituted in the naphthyl ring to any extent.”</p> <p>Group 5 (Phenylacetylindoles) (N = 28)  “Any compound structurally derived from 3-phenylacetylindole by substitution at the nitrogen atom of the indole ring with alkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl or 2-(4-morpholinyl)ethyl, whether or not further substituted in the indole ring to any extent, whether or not substituted in the phenyl ring to</p>

	<p>any extent.”</p> <p>Group 6 (Cyclohexylphenols) (N = 16) “Any compound structurally derived from 2-(3-hydroxycyclohexyl)phenol by substitution at the 5-position of the phenolic ring by alkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl or 2-(4-morpholinyl)ethyl, whether or not substituted in the cyclohexyl ring to any extent .”</p>
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