



CANNABINOIDS

Standards, Metabolites
& Labeled Products

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info@trc-canada.com



Cannabinoids

Standards, metabolites, intermediates and stable-labeled internal standards



Cannabidiol	CAS No	CAT No.
Abnormal Cannabidiol	22972-55-0	A108910
Desoxy THC (Δ^9 -Tetrahydro Cannabinol)	76207-27-7	D296955
Desoxy THC-d ₉ (Δ^9 -Tetrahydro Cannabinol) Labeled		D296957
Δ^9 -THC-d ₃ Labeled	81586-39-2	T295025
Δ^9 -THC-d ₃ (100 μ g/ml in Methanol) Labeled	81586-39-2	KIT2040
Δ^9 -THC-d ₃ (1mg/ml in Methanol) Labeled	81586-39-2	KIT2045
(-)-Cannabidiol	13956-29-1	C175300
(+)-Cannabidiol	74219-29-7	C175305
(-)-Desoxycannabidiol		D296945
(-)-Didesoxycannabidiol	1381973-51-8	D296950
6 α -Hydroxycannabidiol	58940-28-6	H824805
6 β -Hydroxycannabidiol	59888-03-8	H824810
1''-Hydroxycannabidiol		H824815
2''-Hydroxycannabidiol		H824820
3''-Hydroxycannabidiol		H824825
4''-Hydroxycannabidiol		H824830
5''-Hydroxycannabidiol	53413-28-8	H824835
7-Hydroxycannabidiol	50725-17-2	H877000
(-)-Cannabidiol-d ₉ Labeled	1246819-21-5	C175302

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Cannabidiol Diacetate	40525-15-3	C175308
Cannabidiolic Acid	1244-58-2	C175330
Cannabidiolic Acid-d9 Labeled		C175332
Cannabidiol Dimethyl Ether	1242-67-7	C175423
(-)-Desoxycannabidiol-d9 Labeled		D296947
(-)-Didesoxycannabidiol-d9 Labeled		D296952
7-Hydroxycannabidiol-d9 Labeled		H877002
(-)-Cannabidiol (1 mg/mL in Methanol)	13956-29-1	KIT1440
(-)-Cannabidiol-d9 (1 mg/mL in Methanol)	1246819-21-5	KIT1442
Cannabidiolic Acid (1.0 mg/mL in Acetonitrile)	1244-58-2	KIT1670
O-1821	35482-50-9	A100803
Abnormal Cannabidiol-d9 Labeled		A108912
O-Acetyl-(3R-trans)-cannabidiol-11-oic Acid	380599-35-9	A173743
2-[(1R,2R,6R)-2-(Acetyloxy)-3-methylene-6-(1-methylethenyl)cyclohexyl]-5-pentyl-1,3-benzenediol 1,3-Diacetate	380495-70-5	A188110
(3R,4R)-3-[2,6-Bis(acetyloxy)-4-pentylphenyl]-4-(1-methylethenyl)-1-cyclohexene-1-carboxaldehyde	380495-74-9	B412505

20 Martin Ross Avenue, North York, ON, Canada, M3J 2K8

International: +1 (416) 665-9696, US & Canada: +1 (800) 727-9240, Fax: +1 (416) 665-4439

Email: info@trc-canada.com

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2-[(1R,6R)-3-(Bromomethyl)-6-(1-methylethenyl)-2-cyclohexen-1-yl]-5-pentyl-1,3-benzenediol 1,3-Diacetate	380495-72-7	B679295
Cannabidivarin	24274-48-4	C175290
Cannabidivarin-D5 Labeled		C175292
(3R-trans)-Cannabidiol-11-oic Acid	63958-77-0	C175320
Cannabigerolic Acid-d9 Labeled		C175322
Cannabielsoin	52025-76-0	C175335
Cannabidiol-7-oic Acid-d11		C175375
Cannabigerolic Acid-d9 Labeled		C175377
Dihydroepoxycannabidiol Dimethyl Ether	129354-34-3	D445135
(1R,2R,3R)-2-(2,6-Dimethoxy-4-pentylphenyl)-6-methylene-3-(1-methylethenyl)cyclohexanol	306734-00-9	D445140
6 α -Hydroxycannabidiol-d11 Labeled		H824807
2-[(1R,2R,6R)-2-Hydroxy-3-methylene-6-(prop-1-en-2-yl)cyclohexyl]-3-methoxy-5-pentylphenol		H918605
2-[(1R,2R,6R)-2-Hydroxy-3-methylene-6-(1-methylethenyl)cyclohexyl]-5-pentyl-1,3-benzenediol		H950295

Cannabinoids

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Cannabidivarin (1.0 mg/mL in Methanol)	24274-48-4	KIT1660
Cannabigerolic Acid (1.0 mg/mL in Acetonitrile)	25555-57-1	KIT1665
(1S,4R)-1-Methyl-4-(1-methylethenyl)-2-cyclohexen-1-ol	22972-51-6	M320460
O-1602	317321-41-8	0002800
O 1918	536697-79-7	0002900
6-Oxocannabidiol Diacetate	57361-63-4	0848485
Δ^9 -Tetrahydrocannabinolic Acid B	23978-84-9	T294480
Cannabidiol Hydroxyquinone	137252-25-6	C175315



JWH CANNABINOIDS

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LIST OF JWH CANNABINOIDS



CAS Number:	Cat. Number:	Chemical Name:
209414-07-3	P283650	1-Pentyl-3-(1-naphthoyl)indole; JWH 018
209414-08-4	H296800	1-Hexyl-3-(1-naphthoyl)indole; JWH 19
864445-43-2	J211500	JWH 250
1346600-97-2	P283652	1-(Pentyl-d11)-3-(1-naphthoyl)indole; JWH 018-d11
208987-48-8	B693550	1-Butyl-3-(1-naphthoyl)indole; JWH-073
619294-47-2	P283620	1-Pentyl-3-(4-methylnaphthoyl)indole; JWH-122
103610-04-4	M723765	1-[2-(4-Morpholinyl)ethyl]-3-(1-naphthoyl)indole; JWH 200
824959-81-1	P279900	1-Pentyl-3-(4-ethyl-naphthoyl)indole; JWH 210
914458-20-1	H297400	1-Hexyl-2-phenyl-4-(1-naphthoyl)pyrrole; JWH-147
1346598-25-1	H296802	1-Hexyl-d13-3-(1-naphthoyl)indole; JWH 19-d13
1346601-94-2	B693552	1-(Butyl-d9)-3-(1-naphthoyl)indole; JWH-073-d9
1346600-73-4	M723767	1-[2-(4-Morpholinyl)ethyl-d4]-3-(1-naphthoyl)indole; JWH 200-d4
1346605-27-3	H297402	1-Hexyl-2-(phenyl-d5)-4-(1-naphthoyl)pyrrole; JWH-147-d5
1346598-78-4	J211502	JWH 250-d11
1346602-60-5	P283602	1-(Pentyl-d11)-3-(4-methoxynaphthoyl)indole; JWH 081-d11
1346602-29-6	P283622	1-(Pentyl-d11)-3-(4-methylnaphthoyl)indole; JWH 122-d11
1346604-33-8	P279902	1-(Pentyl-d11)-3-(4-ethyl-naphthoyl)indole; JWH 210-d11
1346604-93-0	I821925	N-Isopentyl-3-(1-naphthoyl)indole (JWH 018 isomer)
1346601-38-4	I821927	N-Isopentyl-3-(1-naphthoyl)indole-d11 (JWH 018 isomer)
864445-54-5	J211450	JWH-203
1346604-94-1	J211452	JWH-203-d11
155471-08-2	J211350	JWH-015
1346601-16-8	J211352	JWH-015-d7
864445-45-4	J211700	JWH-302
1794885-22-5	J211702	JWH-302-d11
864445-39-6	J211505	JWH 251
1794766-54-3	J211507	JWH 251-d11
864445-47-6	J211440	JWH-201
1794759-93-5	J211442	JWH-201-d11
209414-06-2	J211380	JWH-072
	J211382	JWH-072-d7
210179-44-5	J211390	JWH-080

LIST OF JWH CANNABINOIDS



1794787-67-9	J211392	JWH-080-d9
619294-35-8	J211420	JWH-175
1794828-59-3	J211422	JWH-175-d11
1292765-18-4	J211900	JWH-398
	J211902	JWH-398-d11
824959-87-7	J211425	JWH-180
1794754-12-3	J211427	JWH-180-d7
1391054-25-3	J211905	JWH-398 2-Chloronaphthyl Isomer
1391052-25-7	J211405	JWH-122 3-Methylnaphthyl Isomer
1391052-02-0	J211410	JWH-122 5-Methylnaphthyl Isomer
1391051-95-8	J211910	JWH-398 7-Chloronaphthyl Isomer
1797106-18-3	J211365	JWH-031 2'-Isomer
1537889-09-0	J211415	JWH-122 N-Pentanoic Acid
1445577-68-3	J211430	JWH 122 N-(4-pentenyl) Analog
209414-05-1	J211385	JWH 071
619294-62-1	J211460	JWH 176
1364933-59-4	J211930	JWH 412
	J211395	JWH 073 6-Methoxyindole
209414-07-3	KIT0340	1-Pentyl-3-(1-naphthoyl)indole JWH 018 (100µg/mL in Methanol)
208987-48-8	KIT0350	1-Butyl-3-(1-naphthoyl)indole JWH-073 (100µg/mL in Acetonitrile)
	J211417	JWH-122 N-Pentanoic Acid-d4
1366067-59-5	J211850	JWH 387
	J211852	JWH 387-d11
155471-10-6	J211340	JWH-007
	J211342	JWH-007-d11
914458-26-7	J211800	JWH 307
	J211802	JWH 307-d11
824960-76-1	J211600	JWH 267
	J211602	JWH 267-d11
1307803-54-8	J211355	JWH 018 N-Pentanoic Acid β -D-Glucuronide
	J211432	JWH 122 N-(4-pentenyl) Analog-d4
	J211302	JWH-007-d9 Hydrochloride

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	J211470	JWH 073 N-(4-Hydroxybutyl) β -D-Glucuronide
864445-40-9	J211510	JWH 252
	J211512	JWH 252-d11
	J211903	JWH-398-d5
	J211917	JWH 398 N-(4-Hydroxypentyl) Metabolite-d5
1427325-66-3	J211400	JWH-081 N-(5-Hydroxypentyl)
	J211402	JWH-081 N-(5-Hydroxypentyl)-d5
	J211360	JWH 019 N-(5-Fluorohexyl) Isomer
1307803-44-6	J211280	JWH-018 6-Hydroxyindole
	J211282	JWH-018 (Pentyl-d11) 6-Hydroxyindole
1413427-49-2	J211372	JWH-018 (Indole-d5) 4-Hydroxypentyl
1320363-47-0	J211370	JWH-018 4-Hydroxypentyl
335161-21-2	J211375	JWH-018 ω -Hydroxypentyl
	J211377	JWH-018 (indole-d5) ω -Hydroxypentyl
1254475-87-0	J211345	JWH-018 N-Pentyl-5-carboxylic Acid
	J211347	JWH-018 (Indole-d5) N-Pentyl-5-carboxylic Acid
1435934-47-6	J211480	JWH-019 5-Hydroxyhexyl
	J211482	JWH-019 (Indole-d5) 5-Hydroxyhexyl
1435934-29-4	J211475	JWH-019 6-Hydroxyhexyl
	J211477	JWH-019 (Indole-d5) 6-Hydroxyhexyl
1320363-48-1	J211435	JWH-073 3-Hydroxybutyl
1413427-47-0	J211437	JWH-073 (Indole-d5) 3-Hydroxybutyl
1307803-52-6	J211285	JWH-073 Butanoic Acid
1320363-50-5	J211287	JWH-073 (Indole-d5) Butanoic Acid
335161-14-3	J211275	JWH-073 4-Hydroxybutyl
	J211277	JWH-073 (Indole-d5) 4-Hydroxybutyl
1537889-07-8	J211455	JWH-122 4-Hydroxypentyl
1781417-73-9	J211457	JWH-122 (Indole-d5) 4-Hydroxypentyl
1379604-68-8	J211465	JWH-122 5-Hydroxypentyl
	J211467	JWH-122 (Indole-d5) 5-Hydroxypentyl
1427521-37-6	J211485	JWH-210 4-Hydroxypentyl
1780004-13-8	J211487	JWH-210 (Indole-d5) 4-Hydroxypentyl
1427521-40-1	J211490	JWH-210 5-Hydroxypentyl
	J211492	JWH-210 (Indole-d5) 5-Hydroxypentyl

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1427521-38-7	J211515	JWH-250 4-Hydroxypentyl
1782062-60-5	J211517	JWH-250 (Indole-d5) 4-Hydroxypentyl
1427325-83-4	J211520	JWH-250 5-Hydroxypentyl
	J211522	JWH-250 (Indole-d5) 5-Hydroxypentyl
1307803-52-6	KIT1250	JWH-073 Butanoic Acid (100 µg/mL in Methanol)
1254475-87-0	KIT1255	JWH-018 N-Pentyl-5-carboxylic Acid (100 µg/mL in Methanol)
1320363-47-0	KIT1260	JWH-018 4-Hydroxypentyl (100 µg/mL in Methanol)
1320363-48-1	KIT1265	JWH-073 3-Hydroxybutyl (100 µg/mL in Methanol)
1435934-29-4	KIT1270	JWH-019 6-Hydroxyhexyl (100 µg/mL in Methanol)
1435934-47-6	KIT1275	JWH-019 5-Hydroxyhexyl (100 µg/mL in Methanol)
1427325-83-4	KIT1280	JWH-250 5-Hydroxypentyl (100 µg/mL in Methanol)
	KIT1415	Synthetic Cannabinoid Mixture 1 (mixture of JWH 250, JWH 200, CP-47497, CP 47497C8 and HU 211, 100 µg/mL of each component in Acetonitrile)
	KIT1420	Synthetic Cannabinoid Mixture 2 (mixture of AM2201, JWH 019, JWH 081, and JWH 122, 100 µg/mL of each component in Acetonitrile)
	KIT1425	Synthetic Cannabinoid Mixture 3 (mixture of AM2233, JWH 015, JWH 203, and JWH 210, RCS-4, and RCS-8, 100 µg/mL of each component in Acetonitrile)
	J211290	JWH 081 N-(4-Hydroxypentyl) Metabolite
1373876-34-6	J211605	JWH 081-N-(Cyclohexylmethyl) Analog
824961-41-3	J211445	JWH 166
	J211447	JWH 166-d3
1537889-06-7	J211915	JWH 398 N-(4-Hydroxypentyl) Metabolite
	F805035	FUB-JWH 018
	J211805	JWH 307 5'-Isomer
1427521-38-7	KIT1785	JWH-250 4-Hydroxypentyl (100 µg/mL in Methanol)
1782062-60-5	KIT1787	JWH-250 (Indole-d5) 4-Hydroxypentyl (100 µg/mL in Methanol)
1537889-07-8	KIT1790	JWH-122 5-Hydroxypentyl (100 µg/mL in Methanol)
1427521-40-1	KIT1795	JWH-210 5-Hydroxypentyl (100 µg/mL in Methanol)
1427521-37-6	KIT1800	JWH-210 4-Hydroxypentyl (100 µg/mL in Methanol)
162934-73-8	J211495	JWH-030
1537889-08-9	J211403	JWH-081 Pentanoic Acid
	J211552	JWH-018-d5 4-Pentylhydroxyacetate

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	J211286	JWH-073 (Indole-d7) Butanoic Acid
1346601-94-2	KIT3485	1-(Butyl-d9)-3-(1-naphthoyl)indole JWH-073-d9 (1.0mg/ml in Acetonitrile)
209414-08-4	KIT4860	1-Hexyl-3-(1-naphthoyl)indole JWH 19 (1.0mg/ml in Acetonitrile)
1346598-25-1	KIT4865	1-Hexyl-d13-3-(1-naphthoyl)indole JWH 19-d13 (1.0mg/ml in Acetonitrile)
1320363-50-5	KIT5425	JWH-073 (Indole-d5) Butanoic Acid (1.0mg/ml in Acetonitrile)
155471-08-2	KIT5430	JWH-015 (1.0mg/ml in Acetonitrile)
1379604-68-8	KIT5435	JWH-122 5-Hydroxypentyl (1.0mg/ml in Acetonitrile)
103610-04-4	KIT6305	1-[2-(4-Morpholinyl)ethyl]-3-(1-naphthoyl)indole JWH 200 (1.0mg/ml in Acetonitrile)
1346600-73-4	KIT6310	1-[2-(4-Morpholinyl)ethyl-d4]-3-(1-naphthoyl)indole JWH 200-d4 (1.0mg/ml in Acetonitrile)
824959-81-1	KIT6885	1-Pentyl-3-(4-ethyl-naphthoyl)indole JWH 210 (1.0mg/ml in Acetonitrile)
1346604-33-8	KIT6890	1-(Pentyl-d11)-3-(4-ethyl-naphthoyl)indole JWH 210-d11 (1.0mg/ml in Acetonitrile)
1346602-60-5	KIT6900	1-(Pentyl-d11)-3-(4-methoxynaphthoyl)indole JWH 081-d11 (1.0mg/ml in Acetonitrile)
619294-47-2	KIT6905	1-Pentyl-3-(4-methylnaphthoyl)indole JWH-122 (1.0mg/ml in Acetonitrile)
1346602-29-6	KIT6910	1-(Pentyl-d11)-3-(4-methylnaphthoyl)indole JWH 122-d11 (1.0mg/ml in Acetonitrile)
1346600-97-2	KIT6915	1-(Pentyl-d11)-3-(1-naphthoyl)indole JWH 018-d11 (1.0mg/ml in Acetonitrile)
1366068-04-3	J211595	JWH 424
619294-64-3	J211615	JWH-116
548461-82-1	J211620	JWH 149
864445-37-4	J211625	JWH 167
824960-02-3	J211630	JWH 182
133438-58-1	J211635	JWH 193
166599-76-4	J211640	JWH 198
864445-60-3	J211645	JWH-249

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1651833-48-5	J211908	JWH 007-d9
1415744-44-3	J211913	JWH 018-d9
	J211418	JWH 122 N-Pentanoic Acid Metabolite-d5
	J211918	JWH 122 N-(5-Hydroxypentyl) Metabolite-d5
	F805038	FUB-JWH 018-d5