

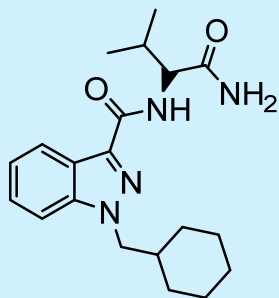
» SYNTHETIC CANNABINOIDS

Synthetic cannabinoids are cannabinoid receptor agonists showing CB1 and CB2 binding affinities, resulting in producing cannabis-like effects.

These compounds have become very popular as «legal high» smoking mixtures, among which the brand name «Spice» is the most well-known. Due to the fast expanding «Spice»-phenomenon, control measures have been implemented in many countries to make «Spice» compounds illegal.

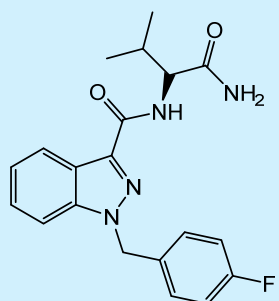
Nevertheless, the huge number of potentially psychoactive synthetic cannabinoids (for ex. JWH-, CP-, HU-, WIN-, RCS-, AM-compounds) presents an ongoing challenge for the forensic and toxicological identification.

LIPOMED currently supplies a first range of synthetic cannabinoids and metabolites available as ready-to-use calibrated solution and/or as standard pack sizes of 10 mg, 50 mg and 100 mg. For more information, please check our website www.lipomed.com.



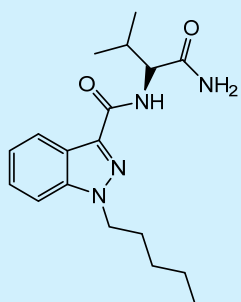
AB-CHMINACA

$C_{20}H_{26}N_4O_2$	M.W.: 356.47	
AB-1741-0.1LA	0.1 mg/1 ml	calibrated solution in acetonitrile
AB-1741-1LA	1.0 mg/1 ml	calibrated solution in acetonitrile
AB-1741-10	10 mg	powder
AB-1741-50	50 mg	powder
AB-1741-100	100 mg	powder



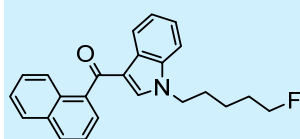
AB-FUBINACA

$C_{20}H_{21}FN_4O_2$	M.W.: 368.41	
FUB-1621-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
FUB-1621-1LM	1.0 mg/1 ml	calibrated solution in methanol
FUB-1621-10	10 mg	powder
FUB-1621-50	50 mg	powder
FUB-1621-100	100 mg	powder



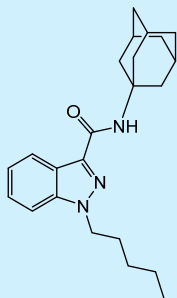
AB-PINACA

$C_{18}H_{26}N_4O_2$	M.W.: 330.43	
ABP-1624-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
ABP-1624-1LM	1.0 mg/1 ml	calibrated solution in methanol
ABP-1624-10	10 mg	powder
ABP-1624-50	50 mg	powder
ABP-1624-100	100 mg	powder



AM-2201

$C_{24}H_{22}FO$	M.W.: 359.44	
JWH-1503-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
JWH-1503-1LM	1.0 mg/1 ml	calibrated solution in methanol
JWH-1503-10	10 mg	powder
JWH-1503-50	50 mg	powder
JWH-1503-100	100 mg	powder

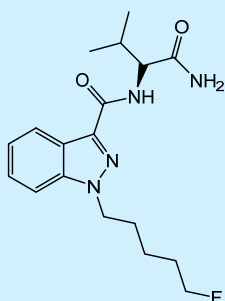


APINACA

Synonym(s): AKB-48

$C_{23}H_{31}N_3O$ M.W.: 365.52

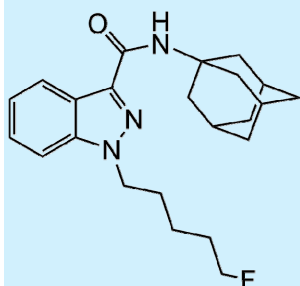
AKB-1631-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
AKB-1631-1LM	1.0 mg/1 ml	calibrated solution in methanol
AKB-1631-10	10 mg	powder
AKB-1631-50	50 mg	powder
AKB-1631-100	100 mg	powder



5F-AB-PINACA

$C_{18}H_{25}FN_4O_2$ M.W.: 348.42

ABF-1620-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
ABF-1620-1LM	1.0 mg/1 ml	calibrated solution in methanol
ABF-1620-10	10 mg	powder
ABF-1620-50	50 mg	powder
ABF-1620-100	100 mg	powder

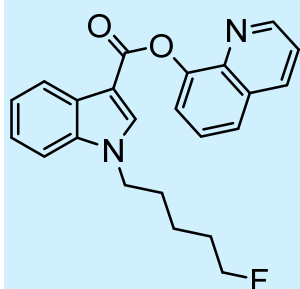


5F-APINACA

Synonym(s): 5F-AKB-48

$C_{23}H_{30}FN_3O$ M.W.: 383.51

AKB-1910-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
AKB-1910-1LM	1.0 mg/1 ml	calibrated solution in methanol
AKB-1910-10	10 mg	powder
AKB-1910-50	50 mg	powder
AKB-1910-100	100 mg	powder

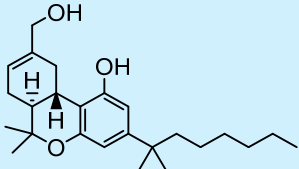
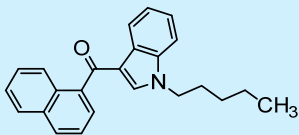
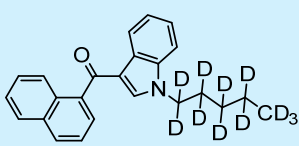
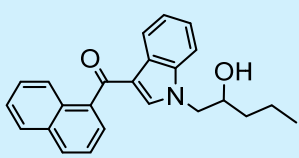


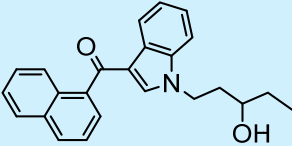
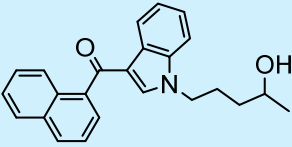
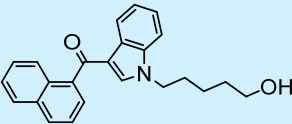
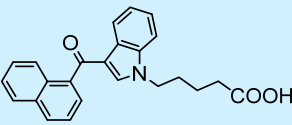
5F-PB-22

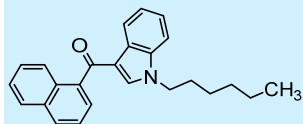
Synonym(s): 5-Fluoro-PB-22, 5F-QUPIC

$C_{23}H_{21}FN_2O_2$ M.W.: 376.43

PBF-1623-0.1LA	0.1 mg/1 ml	calibrated solution in acetonitrile
PBF-1623-1LA	1.0 mg/1 ml	calibrated solution in acetonitrile
PBF-1623-10	10 mg	powder
PBF-1623-50	50 mg	powder
PBF-1623-100	100 mg	powder

	<p>HU-210</p>
	<p>$C_{25}H_{38}O_2$ M.W.: 386.58</p>
	<p>HU-1617-0.1LM 0.1 mg/1 ml calibrated solution in methanol</p>
	<p>HU-1617-1LM 1.0 mg/1 ml calibrated solution in methanol</p>
	<p>JWH-018</p>
	<p>Synonym(s): Naphthalen-1-yl-(1-pentylindol-3-yl)methanone</p>
	<p>$C_{24}H_{23}NO$ M.W.: 341.45</p>
	<p>JWH-1294-0.1LM 0.1 mg/1 ml calibrated solution in methanol</p>
	<p>JWH-1294-1LM 1.0 mg/1 ml calibrated solution in methanol</p>
	<p>JWH-1294-10 10 mg powder</p>
	<p>JWH-1294-50 50 mg powder</p>
	<p>JWH-1294-100 100 mg powder</p>
	<p>JWH-018-D₁₁</p>
	<p>$C_{24}H_{12}D_{11}NO$ M.W.: 352.51</p>
	<p>JWH-1328-0.1LM 0.1 mg/1 ml calibrated solution in methanol</p>
	<p>JWH-1328-1LM 1.0 mg/1 ml calibrated solution in methanol</p>
	<p>JWH-1328-10 10 mg powder</p>
	<p>JWH-1328-50 50 mg powder</p>
	<p>JWH-1328-100 100 mg powder</p>
	<p>JWH-018 N-(2-hydroxypentyl) metabolite</p>
	<p>$C_{24}H_{23}NO_2$ M.W.: 357.45</p>
	<p>JWH-1411-0.1LM 0.1 mg/1 ml calibrated solution in methanol</p>
	<p>JWH-1411-1LM 1.0 mg/1 ml calibrated solution in methanol</p>
	<p>JWH-1411-10 10 mg powder</p>
	<p>JWH-1411-50 50 mg powder</p>
	<p>JWH-1411-100 100 mg powder</p>

	JWH-018 N-(3-hydroxypentyl) metabolite		
	$C_{24}H_{23}NO_2$	M.W.: 357.45	
	JWH-1419-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
	JWH-1419-1LM	1.0 mg/1 ml	calibrated solution in methanol
	JWH-1419-10	10 mg	powder
	JWH-1419-50	50 mg	powder
JWH-1419-100	100 mg	powder	
	JWH-018 N-(4-hydroxypentyl) metabolite		
	$C_{24}H_{23}NO_2$	M.W.: 357.45	
	JWH-1426-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
	JWH-1426-1LM	1.0 mg/1 ml	calibrated solution in methanol
	JWH-1426-10	10 mg	powder
	JWH-1426-50	50 mg	powder
JWH-1426-100	100 mg	powder	
	JWH-018 N-(5-hydroxypentyl) metabolite		
	$C_{24}H_{23}NO_2$	M.W.: 357.45	
	JWH-1398-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
	JWH-1398-1LM	1.0 mg/1 ml	calibrated solution in methanol
	JWH-1398-10	10 mg	powder
	JWH-1398-50	50 mg	powder
JWH-1398-100	100 mg	powder	
	JWH-018 N-pentanoic acid metabolite		
	$C_{24}H_{21}NO_3$	M.W.: 371.44	
	JWH-1393-0.1LE	0.1 mg/1 ml	calibrated solution in ethanol
	JWH-1393-1LE	1.0 mg/1 ml	calibrated solution in ethanol
	JWH-1393-10	10 mg	powder
	JWH-1393-50	50 mg	powder
JWH-1393-100	100 mg	powder	

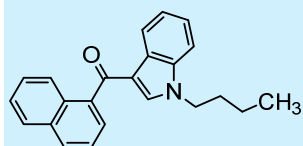


JWH-019

Synonym(s): Naphthalen-1-yl-(1-hexylindol-3-yl)methanone

$C_{25}H_{25}NO$ M.W.: 355.48

JWH-1362-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
JWH-1362-1LM	1.0 mg/1 ml	calibrated solution in methanol
JWH-1362-10	10 mg	powder
JWH-1362-50	50 mg	powder
JWH-1362-100	100 mg	powder

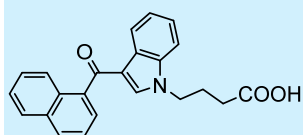


JWH-073

Synonym(s): Naphthalen-1-yl-(1-butylindol-3-yl)methanone

$C_{23}H_{21}NO$ M.W.: 327.42

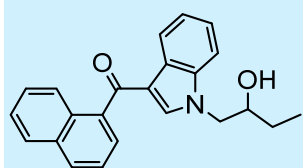
JWH-1293-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
JWH-1293-1LM	1.0 mg/1 ml	calibrated solution in methanol
JWH-1293-10	10 mg	powder
JWH-1293-50	50 mg	powder
JWH-1293-100	100 mg	powder



JWH-073 N-butanoic acid metabolite

$C_{23}H_{19}NO_3$ M.W.: 357.40

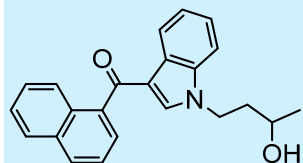
JWH-1370-0.1LE	0.1 mg/1 ml	calibrated solution in ethanol
JWH-1370-1LE	1.0 mg/1 ml	calibrated solution in ethanol
JWH-1370-10	10 mg	powder
JWH-1370-50	50 mg	powder
JWH-1370-100	100 mg	powder



JWH-073 N-(2-hydroxybutyl) metabolite

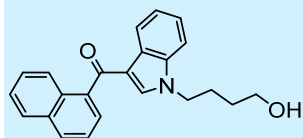
$C_{23}H_{21}NO_2$ M.W.: 343.42

JWH-1432-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
JWH-1432-1LM	1.0 mg/1 ml	calibrated solution in methanol
JWH-1432-10	10 mg	powder
JWH-1432-50	50 mg	powder
JWH-1432-100	100 mg	powder



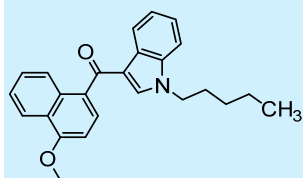
JWH-073 N-(3-hydroxybutyl) metabolite

$C_{23}H_{21}NO_2$	M.W.: 343.42	
JWH-1443-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
JWH-1443-1LM	1.0 mg/1 ml	calibrated solution in methanol
JWH-1443-10	10 mg	powder
JWH-1443-50	50 mg	powder
JWH-1443-100	100 mg	powder



JWH-073 N-(4-hydroxybutyl) metabolite

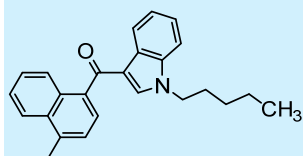
$C_{23}H_{21}NO_2$	M.W.: 343.42	
JWH-1375-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
JWH-1375-1LM	1.0 mg/1 ml	calibrated solution in methanol
JWH-1375-10	10 mg	powder
JWH-1375-50	50 mg	powder
JWH-1375-100	100 mg	powder



JWH-081

Synonym(s): 4-Methoxynaphthalen-1-yl-(1-pentylindol-3-yl)methanone

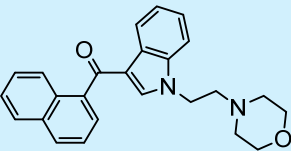
$C_{25}H_{25}NO_2$	M.W.: 371.48	
JWH-1505-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
JWH-1505-1LM	1.0 mg/1 ml	calibrated solution in methanol
JWH-1505-10	10 mg	powder
JWH-1505-50	50 mg	powder
JWH-1505-100	100 mg	powder

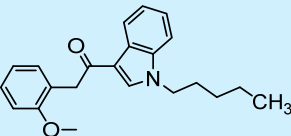


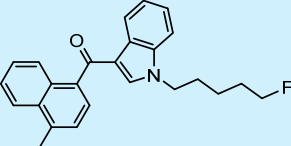
JWH-122

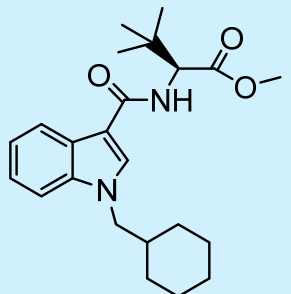
Synonym(s): (4-Methyl-1-naphthyl)-(1-pentylindol-3-yl)methanone

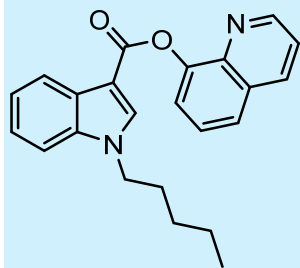
$C_{25}H_{25}NO$	M.W.: 355.47	
JWH-1491-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
JWH-1491-1LM	1.0 mg/1 ml	calibrated solution in methanol
JWH-1491-10	10 mg	powder
JWH-1491-50	50 mg	powder
JWH-1491-100	100 mg	powder

	JWH-200		
	Synonym(s): (1-(2-Morpholin-4-ylethyl)indol-3-yl)-naphthalen-1-ylmethanone		
	$C_{25}H_{24}N_2O_2$	M.W.: 384.47	
	JWH-1308-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
	JWH-1308-1LM	1.0 mg/1 ml	calibrated solution in methanol
	JWH-1308-10	10 mg	powder
	JWH-1308-50	50 mg	powder
JWH-1308-100	100 mg	powder	

	JWH-250		
	Synonym(s): 2-(2-Methoxyphenyl)-1-(1-pentylindol-3-yl)ethanone		
	$C_{22}H_{25}NO_2$	M.W.: 335.44	
	JWH-1356-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
	JWH-1356-1LM	1.0 mg/1 ml	calibrated solution in methanol
	JWH-1356-10	10 mg	powder
	JWH-1356-50	50 mg	powder
JWH-1356-100	100 mg	powder	

	MAM-2201		
	Synonym(s): 5''-Fluoro-JWH-122		
	$C_{25}H_{24}FNO$	M.W.: 373.47	
	MAM-1739-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
	MAM-1739-1LM	1.0 mg/1 ml	calibrated solution in methanol
	MAM-1739-10	10 mg	powder
	MAM-1739-50	50 mg	powder
MAM-1739-100	100 mg	powder	

	MDMB-CHMICA		
	$C_{22}H_{32}N_2O_3$	M.W.: 384.52	
	DMB-1845-1LA	1.0 mg/1 ml	calibrated solution in acetonitrile
	DMB-1845-10	10 mg	powder
	DMB-1845-50	50 mg	powder
	DMB-1845-100	100 mg	powder

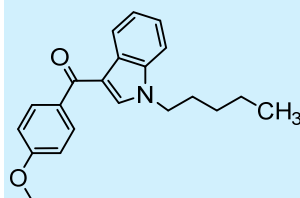


PB-22

Synonym(s): QUPIC

$C_{23}H_{22}N_2O_2$ M.W.: 358.44

PB-1622-0.1LA	0.1 mg/1 ml	calibrated solution in acetonitrile
PB-1622-1LA	1.0 mg/1 ml	calibrated solution in acetonitrile
PB-1622-10	10 mg	powder
PB-1622-50	50 mg	powder
PB-1622-100	100 mg	powder

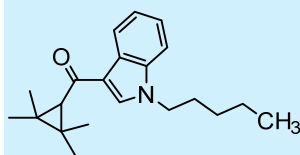


RCS-4

Synonym(s): SR-19

$C_{21}H_{23}NO_2$ M.W.: 321.41

RCS-1493-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
RCS-1493-1LM	1.0 mg/1 ml	calibrated solution in methanol
RCS-1493-10	10 mg	powder
RCS-1493-50	50 mg	powder
RCS-1493-100	100 mg	powder

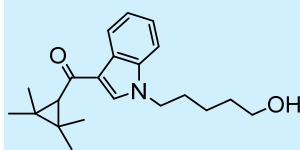


UR-144

Synonym(s): (1-Pentylindol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone

$C_{21}H_{29}NO$ M.W.: 311.46

UR-1495-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
UR-1495-1LM	1.0 mg/1 ml	calibrated solution in methanol
UR-1495-10	10 mg	powder
UR-1495-50	50 mg	powder
UR-1495-100	100 mg	powder

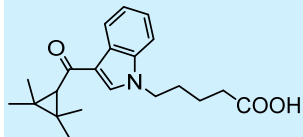


UR-144 N-(5-hydroxypentyl) metabolite

Synonym(s): XLR-11 N-(5-hydroxypentyl) metabolite

$C_{21}H_{29}NO_2$ M.W.: 327.47

UR-1577-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
UR-1577-1LM	1.0 mg/1 ml	calibrated solution in methanol
UR-1577-10	10 mg	powder
UR-1577-50	50 mg	powder
UR-1577-100	100 mg	powder

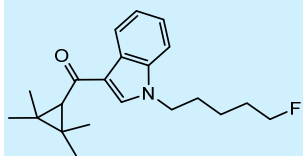


UR-144 N-pentanoic acid metabolite

Synonym(s): XLR-11 N-pentanoic acid metabolite

$C_{21}H_{27}NO_3$ M.W.: 341.45

UR-1576-0.1LI	0.1 mg/1 ml	calibrated solution in isopropanol
UR-1576-1LI	1.0 mg/1 ml	calibrated solution in isopropanol
UR-1576-10	10 mg	powder
UR-1576-50	50 mg	powder
UR-1576-100	100 mg	powder



XLR-11

Synonym(s): 5-Fluoro-UR-144

$C_{21}H_{26}FNO$ M.W.: 329.46

XLR-1575-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
XLR-1575-1LM	1.0 mg/1 ml	calibrated solution in methanol
XLR-1575-10	10 mg	powder
XLR-1575-50	50 mg	powder
XLR-1575-100	100 mg	powder

Lipomed MAIL/FAX Quotation & Order Form

Contact Information

Bill to	Ship to (if different from invoicing address)
Customer/Company	Customer/Company
Department	Department
Address	Address
Contact Person	Contact Person
City, ZIP	City, ZIP
State, Country	State, Country
Phone	Phone
Fax	Fax
E-Mail Address	E-Mail Address
No of pages (incl. this one)	Customer Account #
Date of Request	Purchase Order

Special instructions/Notes

Product List

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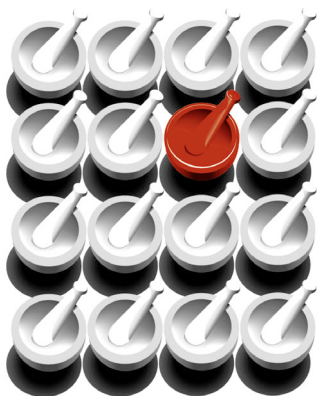
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