



Synthetic cathinones are derivatives of cathinone, a psychostimulant which occurs naturally in the Khat plant. Also termed as beta-keto amphetamine analogues, synthetic cathinones exhibit amphetamine-like properties.

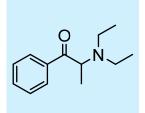
Sold on the recreational market as "bath salt", "plant food" or "research chemicals", often with a "not for human consumption"-warning to avoid legal regulation and prosecution, abuse of synthetic cathinones has grown rapidly in the recent years. Numerous cases of abuse, dependence, acute intoxication and deaths related to the consumption of synthetic cathinones have been reported worldwide, raising concerns for both health and law enforcement agencies.

The rapid development of new synthetic cathinones launched on the market adds further challenge to the scientific community with regard to the development of adapted laboratory-testing methods.

To support laboratories in the identification and quantification of synthetic cathinones in seized materials and biological samples, Lipomed now supplies a range of synthetic cathinones and substituted ephedrines (biomarkers of synthetic cathinones) available as ready-to-use calibrated solution and/or as standard pack sizes of 10 mg, 50 mg and 100 mg.

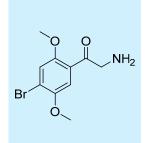
For more information, please visit our website **www.lipomed-shop.com**.





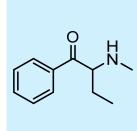
Amfepramone.HCI (shipment under ice for solution)

AMF-1286-HC-10 10 mg powder AMF-1286-HC-50 50 mg powder AMF-1286-HC-100 100 mg powder



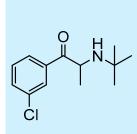
Bk-2C-B.HCl (shipment under ice for solution)

Molecular Formula C₁₀H₁₂BrNO₃.HCl CAS Number 807631-09-0 **DEA Number** Molecular Weight 274.11 + 36.462CB-1736-HC-1LM calibrated solution in methanol 1.0 mg base/1 ml 2CB-1736-HC-10 10 mg powder 2CB-1736-HC-50 powder 50 mg 2CB-1736-HC-100 100 mg powder



Buphedrone.HCl

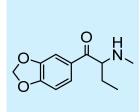
Synonym(s): MABP.HCl Molecular Formula C₁₁H₁₅NO.HCl CAS Number 166593-10-8 177.24 + 36.46 DEA Number 1248 CI Molecular Weight BUO-1472-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol BUO-1472-HC-10 10 mg powder BUO-1472-HC-50 50 mg powder BUO-1472-HC-100 100 mg powder



Bupropion.HCl

Molecular Formula C₁₃H₁₈CINO.HCI CAS Number 31677-93-7 Molecular Weight 239.74 + 36.46 **DEA Number** BPR-1544-HC-1LAH cal. solution in acetonitrile/water (1:1) 1.0 mg base/1 ml BPR-1544-HC-10 powder 10 mg BPR-1544-HC-50 powder 50 mg BPR-1544-HC-100 100 mg powder

calibrated solution in methanol



Butylone.HCl

BTL-1288-HC-1LM

 BTL-1288-HC-10
 10 mg
 powder

 BTL-1288-HC-50
 50 mg
 powder

 BTL-1288-HC-100
 100 mg
 powder

1.0 mg base/1 ml



BTL-1806-HC-100

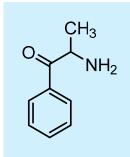
100 mg

Analytical Reference Standards Synthetic Cathinones

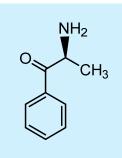
O H CD3

Butylone-D₃.HCl Synonym(s): bk-MBDB-D₃.HCl Molecular Formula $C_{12}H_{12}D_3NO_3.HCI$ CAS Number 123170-63-6 Molecular Weight 224.27 + 36.46 DEA Number 7541 CI BTL-1806-HC-0.1LM 0.1 mg base/1 ml calibrated solution in methanol BTL-1806-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol BTL-1806-HC-10 10 mg powder BTL-1806-HC-50 50 mg powder

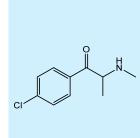
powder



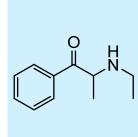
d,l-Cathinone.H	CI (shipment under ice for solut	ion)
Molecular Formula	C ₉ H ₁₁ NO.HCl	CAS Number 16735-19-6
Molecular Weight	149.19 + 36.46	DEA Number 1235 CI
CAT-880-HC-1LAH	1.0 mg base/1 ml	cal. solution in acetonitrile/water (1:1)
CAT-880-HC-10	10 mg	powder
CAT-880-HC-50	50 mg	powder
CAT-880-HC-100	100 mg	powder



S(-)-Cathinone.H	ICI	
Molecular Formula Molecular Weight	C ₉ H ₁₁ NO.HCl 149.19 + 36.46	CAS Number 72739-14-1 DEA Number 1235 Cl
CAT-1517-HC-1LAH	1.0 mg base/1 ml	cal. solution in acetonitrile/water (1:1)
CAT-1517-HC-10	10 mg	powder
CAT-1517-HC-50	50 mg	powder
CAT-1517-HC-100	100 mg	powder



4-Chloromethca	thinone.HCl (shipment under i	ce for solution)
Synonym(s): Clephed	rone.HCl, 4-CMC.HCl	
Molecular Formula	C ₁₀ H ₁₂ CINO.HCI	CAS Number 1225843-86-6
Molecular Weight	197.66 + 36.46	DEA Number
CMC-1705-HC-1LAH	1.0 mg base/1 ml	cal. solution in acetonitrile/water (1:1)
CMC-1705-HC-10	10 mg	powder
CMC-1705-HC-50	50 mg	powder
CMC-1705-HC-100	100 mg	powder



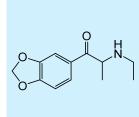
Ethcathinone.H	Cl	
	cathinone.HCl, Ethylpropion.HCl	61611 1 54553 47 4
Molecular Formula	$C_{11}H_{15}NO$	CAS Number 51553-17-4
Molecular Weight	177.25 + 36.46	DEA Number 1248 CI
ETC-1545-HC-1LA	1.0 mg base/1 ml	calibrated solution in acetonitrile
ETC-1545-HC-10	10 mg	powder
ETC-1545-HC-50	50 mg	powder
ETC-1545-HC-100	100 mg	powder



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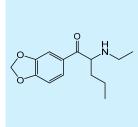
d,l-4-Ethylmethcathinone.HCl

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Synonym(s): 4-EMC.H	I CI	
Molecular Formula	$C_{12}H_{17}NO.HCI$	CAS Number 1249 CI
Molecular Weight	191.27 + 36.46	DEA Number
ETM-1402-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
ETM-1402-HC-10	10 mg	powder
ETM-1402-HC-50	50 mg	powder
ETM-1402-HC-100	100 mg	powder



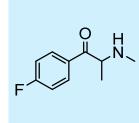
Ethylone.HCl

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Synonym(s): bk-MDE	A.HCI	
Molecular Formula	C ₁₂ H ₁₅ NO ₃ .HCI	CAS Number 1454266-19-3
Molecular Weight	221.25 + 36.46	DEA Number 7541 CI
ETY-1399-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
ETY-1399-HC-10	10 mg	powder
ETY-1399-HC-50	50 mg	powder
ETY-1399-HC-100	100 mg	powder



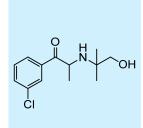
N-Ethylpentylone.HCl

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Synonym(s): N-Ethyln	orpentylone.HCl; Ephylone.HCl	
Molecular Formula	C ₁₄ H ₁₉ NO ₃ .HCl	CAS Number 17763-02-9
Molecular Weight	249.31 + 36.46	DEA Number 7543 CI
EPT-1911-HC-1LAH	1.0 mg base/1 ml	cal. solution in acetonitrile/water (1:1)
EPT-1911-HC-10	10 mg	powder
EPT-1911-HC-50	50 mg	powder
EPT-1911-HC-100	100 mg	powder



Flephedrone.HCl

Synonym(s): 4-Fluoro	methcathinone.HCl, 4-FMC.HCl	
Molecular Formula	C ₁₀ H ₁₂ FNO.HCl	CAS Number 7589-35-7
Molecular Weight	181.21 + 36.46	DEA Number 1238 CI
FMC-1291-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
FMC-1291-HC-10	10 mg	powder
FMC-1291-HC-50	50 mg	powder
FMC-1291-HC-100	100 mg	powder



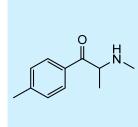
Hydroxybupropion

Molecular Formula	C ₁₃ H ₁₈ CINO ₂	CAS Number 92264-81-8
Molecular Weight	255.74	DEA Number
HBP-1895-FB-1LA	1.0 mg base/1 ml	calibrated solution in acetonitrile
HBP-1895-FB-10	10 mg	powder
HBP-1895-FB-50	50 mg	powder
HBP-1895-FB-100	100 mg	powder



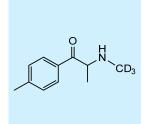
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Hydroxybupropion-D ₆		
Molecular Formula	$C_{13}H_{12}D_6CINO_2$	CAS Number
Molecular Weight	261.78	DEA Number
HBP-1912-FB-0.1LA HBP-1912-FB-1LA	0.1 mg base/1 ml 1.0 mg base/1 ml	calibrated solution in acetonitrile calibrated solution in acetonitrile
HBP-1912-FB-10	10 mg	powder
HBP-1912-FB-50	50 mg	powder
HBP-1912-FB-100	100 mg	powder



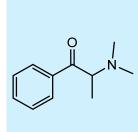
Mephedrone.HCl

Synonym(s): d,l-4-Me	thylmethcathinone.HCl, 4-MMC.HCl	
Molecular Formula	C ₁₁ H ₁₅ NO.HCl	CAS Number 1189726-22-4
Molecular Weight	177.24 + 36.46	DEA Number 1248 CI
MMC-1252-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
MMC-1252-HC-10	10 mg	powder
MMC-1252-HC-50	50 mg	powder
MMC-1252-HC-100	100 mg	powder



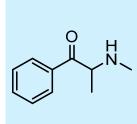
Mephedrone-D₃.HCl

Synonym(s): d,l-4-Methylmethcathinone-D₃.HCl, 4-MMC-D₃.HCl Molecular Formula C₁₁H₁₂D₃NO.HCl CAS Number 1189972-79-9 Molecular Weight 180.26 + 36.46 DEA Number 1248 CI MMC-1271-HC-0.1LM 0.1 mg base/1 ml calibrated solution in methanol MMC-1271-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol MMC-1271-HC-10 10 mg powder MMC-1271-HC-50 50 mg powder MMC-1271-HC-100 100 mg powder



d,I-Metamfepramone.HCl

Synonym(s): d,l-Dimethylcathinone.HCl Molecular Formula C₁₁H₁₅NO.HCl CAS Number 10105-90-5 Molecular Weight 177.25 + 36.46DEA Number 1248 CI 1.0 mg base/1 ml MAF-1548-HC-1LAH cal. solution in acetonitrile/water (1:1) MAF-1548-HC-10 powder 10 mg MAF-1548-HC-50 50 mg powder powder MAF-1548-HC-100 100 mg



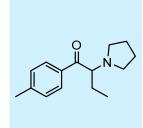
d,l-Methcathinone.HCl

Synonym(s): Ephedrone.HCl Molecular Formula C₁₀H₁₃NO.HCl CAS Number 49656-78-2 Molecular Weight 163.22 + 36.46DEA Number 1237 CI MCA-835-HC-1LA 1.0 mg base/1 ml calibrated solution in acetonitrile MCA-835-HC-10 10 mg powder MCA-835-HC-50 50 mg powder MCA-835-HC-100 100 mg powder



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Methedrone.HCI Synonym(s): bk-PMMA.HCI, PMMC.HCI Molecular Formula C₁₁H₁₅NO₂.HCl CAS Number 879665-92-6 193.24 + 36.46 **DEA Number** Molecular Weight MTH-1290-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol MTH-1290-HC-10 10 mg powder MTH-1290-HC-50 50 mg powder MTH-1290-HC-100 100 mg powder

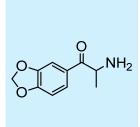


MPB-1508-HC-100

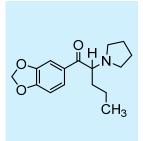
100 mg

4'-Methyl-α-pyrrolidinobutiophenone.HCl Synonym(s): MPBP.HCl Molecular Formula C₁₅H₂₁NO.HCl CAS Number 1214-15-9 Molecular Weight 231.34 + 36.46**DEA Number** MPB-1508-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol MPB-1508-HC-10 powder 10 mg MPB-1508-HC-50 50 mg powder

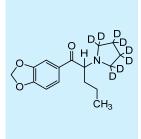
powder



3,4-Methylenedioxycathinone.HCl		
Synonym(s): MDC.HC	CI, Bk-MDA.HCI	
Molecular Formula	$C_{10}H_{11}NO_3.HCI$	CAS Number 38061-37-9
Molecular Weight	193.20 + 36.46	DEA Number
MDC-1519-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
MDC-1519-HC-10	10 mg	powder
MDC-1519-HC-50	50 mg	powder
MDC-1519-HC-100	100 mg	powder



3,4-Methylenedioxypyrovalerone.HCl		
Synonym(s): MDPV.H	CI	
Molecular Formula	C ₁₆ H ₂₁ NO ₃ .HCl	CAS Number 24622-62-6
Molecular Weight	275.35 + 36.46	DEA Number 7535 CI
PYR-1340-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
PYR-1340-HC-10	10 mg	powder
PYR-1340-HC-50	50 mg	powder
PYR-1340-HC-100	100 mg	powder



3,4-Methylenedi	oxypyrovalerone-D ₈ .HCl	
Synonym(s): MDPV-D	_s .HCl	
Molecular Formula	$C_{16}H_{13}D_8NO_3.HCI$	CAS Number 1246820-09-6
Molecular Weight	283.39 + 36.46	DEA Number 7535 CI
PYR-1854-HC-0.1LM	0.1 mg base/1 ml	calibrated solution in methanol
PYR-1854-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
PYR-1854-HC-10	10 mg	powder
PYR-1854-HC-50	50 mg	powder
PYR-1854-HC-100	100 mg	powder



3',4'-Methylenedioxy-α-pyrrolidinobutyrophenone.HCl

Synonym(s): MDPBP.HCI

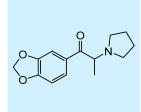
Molecular Formula C₁₅H₁₉NO₃.HCl CAS Number 24622-60-4 Molecular Weight 261.32 + 36.46 DEA Number

MDP-1509-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol

 MDP-1509-HC-10
 10 mg
 powder

 MDP-1509-HC-50
 50 mg
 powder

 MDP-1509-HC-100
 100 mg
 powder



3,4-Methylenedioxy-a-pyrrolidinopropiophenone.HCl

Synonym(s): MDPPP.HCl

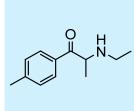
Molecular Formula $C_{14}H_{17}NO_3$.HCl CAS Number 24698-57-5 Molecular Weight 247.29 + 36.46 DEA Number

PPP-1547-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol

 PPP-1547-HC-10
 10 mg
 powder

 PPP-1547-HC-50
 50 mg
 powder

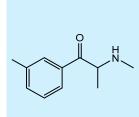
 PPP-1547-HC-100
 100 mg
 powder



4-Methylethcathinone.HCl

MEC-1299-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol

MEC-1299-HC-10 10 mg powder MEC-1299-HC-50 50 mg powder MEC-1299-HC-100 100 mg powder



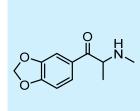
3-Methylmethcathinone.HCl

Synonym(s): 3-MMC.HCl

Molecular Formula $C_{11}H_{15}NO.HCl$ CAS Number 1246816-62-5 Molecular Weight 177.24 + 36.46 DEA Number 1248 Cl

MMC-1750-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol

MMC-1750-HC-10 10 mg powder MMC-1750-HC-50 50 mg powder MMC-1750-HC-100 100 mg powder



Methylone.HCl (shipment under ice for solutions)

Synonym(s): bk-MDMA.HCl

MTY-1289-HC-1LM 1.0 mg base/1 ml calibrated solution in methanol

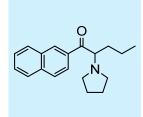
MTY-1289-HC-10 10 mg powder MTY-1289-HC-50 50 mg powder MTY-1289-HC-100 100 mg powder



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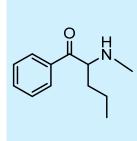
Methylone-D₃.HCl (shipment under ice for solutions)

Methylone D ₃ .110	er (simplifient under ice for solut	10113)
Synonym(s): bk-MDM	A-D ₃ .HCl	
Molecular Formula	$C_{11}H_{10}D_3NO_3.HCI$	CAS Number 1246820-21-2
Molecular Weight	210.24 + 36.46	DEA Number 7540 CI
MTY-1464-HC-0.1LM MTY-1464-HC-1LM	0.1 mg base/1 ml 1.0 mg base/1 ml	calibrated solution in methanol calibrated solution in methanol
MTY-1464-HC-10	10 mg	powder
MTY-1464-HC-50	50 mg	powder
MTY-1464-HC-100	100 mg	powder



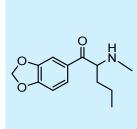
Naphyrone.HCI (shipment under ice for solution)

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Synonym(s): O-2482		
Molecular Formula	C ₁₉ H ₂₃ NO.HCl	CAS Number 850352-11-3
Molecular Weight	281.39 + 36.46	DEA Number 1258 CI
NPH-1396-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
NPH-1396-HC-10	10 mg	powder
NPH-1396-HC-50	50 mg	powder
NPH-1396-HC-100	100 mg	powder



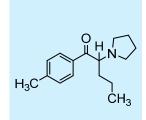
Pentedrone.HCl (shipment under ice for solution)

Molecular Formula	C ₁₂ H ₁₇ NO.HCI	CAS Number 879669-95-1
Molecular Weight	191.27 + 36.46	DEA Number 1246 CI
PTD-1507-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
PTD-1507-HC-10	10 mg	powder
PTD-1507-HC-50	50 mg	powder
PTD-1507-HC-100	100 mg	powder



Pentylone.HCl

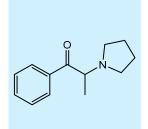
-			
Synonym(s): bk-MBDP.HCl			
Molecular Formula	$C_{13}H_{17}NO_3.HCI$	CAS Number 17763-01-8	
Molecular Weight	235.28 + 36.46	DEA Number 7542 CI	
PTY-1506-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol	
PTY-1506-HC-10	10 mg	powder	
PTY-1506-HC-50	50 mg	powder	
PTY-1506-HC-100	100 mg	powder	



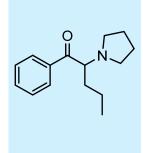
Pyrovalerone.HCl

Μ	lolecular Formula	C ₁₆ H ₂₃ NO.HCl	CAS Number 1147-62-2
M	olecular Weight	245.36 + 36.46	DEA Number 1485 CV
P	YR-1333-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol
P۱	YR-1333-HC-10	10 mg	powder
P	YR-1333-HC-50	50 mg	powder
P	YR-1333-HC-100	100 mg	powder





Alpha-Pyrrolidinopropiophenone.HCl					
Synonym(s): Alpha-PPP.HCI					
Molecular Formula	C ₁₃ H ₁₇ NO.HCl	CAS Number 92040-10-3			
Molecular Weight	203.29 + 36.46	DEA Number			
PPP-1574-HC-1LAH	1.0 mg base/1 ml	cal. solution in acetonitrile/water (1:1)			
PPP-1574-HC-10	10 mg	powder			
PPP-1574-HC-50	50 mg	powder			
PPP-1574-HC-100	100 mg	powder			



Alpha-Pyrrolidinovalerophenone.HCl					
Synonym(s): Alpha-PVP.HCl					
Molecular Formula	C ₁₅ H ₂₁ NO.HCI	CAS Number 5485-65-4			
Molecular Weight	231.33 + 36.46	DEA Number 7545 CI			
PVP-1546-HC-1LM	1.0 mg base/1 ml	calibrated solution in methanol			
PVP-1546-HC-10	10 mg	powder			
PVP-1546-HC-50	50 mg	powder			
PVP-1546-HC-100	100 mg	powder			

Lipomed MAIL

■ Quotation & ■ Order Fe	6	Juota:	tion	&	Order	Form
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Contact Informati	on					
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				
<u> </u>		Fax	Fax			
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