

D-Lysergic acid N,N-diethylamide

Other names:

Lysergide
Ergoline-8-carboxamide, 9,10-didehydro-N,N-diethyl-6-methyl-, (8«beta»)-
Ergoline-8«beta»-carboxamide, 9,10-didehydro-N,N-diethyl-6-methyl-
(+)-LSD
D-Lysergic acid diethylamide
D-LSD
D-LSD-25
Delysid
Dextrolysergic acid diethylamide
Lysergic acid diethylamide
Lysergic acid diethylamide-25
Lysergsaure diethylamid
LSD (Alkaloid)
LSD 25
N,N-Diethyl-(+)-Lysergamide
N,N-Diethyl-D-lysergamide
N,N-Diethyllysergamide
Acid [street name]
Cubes [street name]
9,10-Didehydro-N,N-diethyl-6-methyl-ergoline-8-«beta»-carboxamide
Diethylamid kyseliny lysergove
Heavenly blue [street name]
Lysergamid
Lysergamide, N,N-diethyl-
Lysergaure diethylamid
Lysergsauerediaethylamid
Pearly gates [street name]
Royal blue [street name]
Wedding bells [street name]
Indolo[4,3-fg]quinoline, ergoline-8-carboxamide deriv.
d-Lysergic acid dethylamide
LSD

Inchi:

InChI=1S/C20H25N3O/c1-4-23(5-2)20(24)14-9-16-15-7-6-8-17-19(15)13(11-21-17)10-18

InchiKey:

VAYOSLLFUXYJDT-UHFFFAOYSA-N

Formula:

C20H25N3O

SMILES:

CCN(CC)C(=O)C1C=C2c3cccc4[nH]cc(c34)CC2N(C)C1

Mol. weight [g/mol]:

323.43

CAS:

50-37-3

Physical Properties

Property code	Value	Unit	Source
ie	7.25 ± 0.10	eV	NIST Webbook
log10ws	-4.05		Crippen Method
logp	2.424		Crippen Method
mcvol	259.230	ml/mol	McGowan Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C50373&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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