

Lysergic acid N-(methylpropyl)amide

Other names:	Lampa
Inchi:	InChI=1S/C20H25N3O/c1-4-8-22(2)20(24)14-9-16-15-6-5-7-17-19(15)13(11-21-17)10-18
InchiKey:	CZRJGQXHVRNZRZ-UHFFFAOYSA-N
Formula:	C20H25N3O
SMILES:	CCCN(C)C(=O)C1C=C2c3cccc4[nH]cc(c34)CC2N(C)C1
Mol. weight [g/mol]:	323.43
CAS:	40158-98-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.05		Crippen Method
logp	2.424		Crippen Method
mcvol	259.230	ml/mol	McGowan Method
rinpol	3340.30		NIST Webbook
rinpol	3340.30		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C40158983&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

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