

2,6-Piperidinedione, 1-[(octahydro-2H-quinolizin-1-yl)methyl]-, (1R-cis)-

Other names:

Lamprolobine

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Inchi:

InChI=1S/C15H24N2O2/c18-14-7-3-8-15(19)17(14)11-12-5-4-10-16-9-2-1-6-13(12)16/h1

InchiKey:

IFGFYNRAHYENJQ-OLZOCXBDSA-N

Formula:

C15H24N2O2

SMILES:

O=C1CCCC(=O)N1CC1CCCN2CCCCC12

Mol. weight [g/mol]:

264.36

CAS:

18688-40-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.35		Crippen Method
logp	1.790		Crippen Method
mcvol	212.730	ml/mol	McGowan Method
rinpol	2177.00		NIST Webbook
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Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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=C18688409&Units=SI>

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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