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

Other names: Lamprolobine
Lamprolobin

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
rinpol	2177.00		NIST Webbook

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=C18688409&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices