

Phenampromid

Other names: Propanamide, N-[1-methyl-2-(1-piperidiny)ethyl]-N-phenyl-
Propionanilide, N-(1-methyl-2-piperidinoethyl)-
N-(1-Methyl-2-piperidinoethyl)propionanilide
Phenampromide

Inchi: InChI=1S/C17H26N2O/c1-3-17(20)19(16-10-6-4-7-11-16)15(2)14-18-12-8-5-9-13-18/h4,6,10,11,12,13,14,15,16,17,18,19,20

InchiKey: DHTRHEVNFZCNU-UHFFFAOYSA-N

Formula: C17H26N2O

SMILES: CCC(=O)N(c1cccc1)C(C)CN1CCCCC1

Mol. weight [g/mol]: 274.40

CAS: 129-83-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.50		Crippen Method
logp	3.304		Crippen Method
mcvol	237.300	ml/mol	McGowan Method
rinpol	2014.00		NIST Webbook
rinpol	2014.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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=C129839&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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<https://www.chemeo.com/cid/119-259-3/Phenampromid.pdf>

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