Phenampromid

Other names:	Propanamide, N-[1-methyl-2-(1-piperidinyl)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
InchiKey:	DHTRHEVNFFZCNU-UHFFFAOYSA-N
Formula:	C17H26N2O
SMILES:	CCC(=O)N(c1ccccc1)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/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=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