Piperidine, 1-(2-phenylethyl)-

Other names:	1-Phenethylpiperidine
	Piperidine, 1-phenethyl-
	FMP-199
	1-Piperidino-2-phenyl-aethan
	1-Piperidino-2-phenylethane
Inchi:	InChI=1S/C13H19N/c1-3-7-13(8-4-1)9-12-14-10-5-2-6-11-14/h1,3-4,7-8H,2,5-6,9-12H2
InchiKey:	DBDVAKGHPZJLTH-UHFFFAOYSA-N
Formula:	C13H19N
SMILES:	c1ccc(CCN2CCCCC2)cc1
Mol. weight [g/mol]:	189.30
CAS:	332-14-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.83		Crippen Method
logp	2.715		Crippen Method
mcvol	169.390	ml/mol	McGowan Method
tb	545.20	K	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=C332149&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

tb: Normal Boiling Point Temperature