Bamipine

Other names:	4-Piperidinamine, 1-methyl-N-phenyl-N-(phenylmethyl)- Piperidine, 4-(N-benzyl-N-phenylamino)-1-methyl- 4-(N-Benzyl-N-phenylamino)-1-methylpiperidine N-Phenyl-N-benzyl-4-amino-1-methyl-piperidine 4-(N-Benzylanilino)-1-methylpiperidine Piperamine Soventol
Inchi:	InChI=1S/C19H24N2/c1-20-14-12-19(13-15-20)21(18-10-6-3-7-11-18)16-17-8-4-2-5-9-17
InchiKey:	VZSXTYKGYWISGQ-UHFFFAOYSA-N
Formula:	C19H24N2
SMILES:	CN1CCC(N(Cc2ccccc2)c2ccccc2)CC1
Mol. weight [g/mol]:	280.41
CAS:	4945-47-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.16		Crippen Method
logp	3.787		Crippen Method
mcvol	240.150	ml/mol	McGowan Method
rinpol	2211.00		NIST Webbook
rinpol	2250.00		NIST Webbook
rinpol	2211.00		NIST Webbook
rinpol	2250.00		NIST Webbook
rinpol	2235.00		NIST Webbook
rinpol	2260.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4945475&Units=SI
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

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices