1-Benzhydryl piperazine

Other names:	1-(Diphenylmethyl)piperazine
	1-Benzhydrylpiperazine
	4-Benzhydrylpiperazine
	Diphenylmethylpiperazine
	N-(Diphenylmethyl)piperazine
	N-Benzhydrylpiperazine
	NSC 35536
	Norcyclizine
	Normethylcyclizine
	Piperazine, 1-(diphenylmethyl)-
Inchi:	InChI=1S/C17H20N2/c1-3-7-15(8-4-1)17(16-9-5-2-6-10-16)19-13-11-18-12-14-19/h1-10,
InchiKey:	NWVNXDKZIQLBNM-UHFFFAOYSA-N
Formula:	C17H20N2
SMILES:	c1ccc(C(c2ccccc2)N2CCNCC2)cc1
Mol. weight [g/mol]:	252.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.83		Cheméo Relay (1.0)
logp	2.681		Crippen Method
mcvol	211.970	ml/mol	McGowan Method
tb	635.28	K	Cheméo Relay (1.0)
tf	351.28	K	Cheméo Relay (1.0)

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C841770&Units=SI
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
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point