Norchlorcyclizine

Other names:	Piperazine, 1-[(4-chlorophenyl)phenylmethyl]-
	N-(p-Chlorobenzhydryl)piperazine
	1-(4-Chlorobenzhydryl)piperazine
	4-(4-Chlorobenzhydryl)piperazine
	1-(4-Chloro-«alpha»-phenylbenzyl)piperazine
	1-(«alpha»-Phenyl-4-chlorobenzyl)piperazine
	Piperazine, 1-(p-chloro-«alpha»-phenylbenzyl)-
	Piperazine, 1-(«alpha»-(4-chlorophenyl)benzyl)-
	1-[(4-Chlorophenyl)(phenyl)methyl]piperazine
	N-(4-Chlorobenzhydryl)piperazine
	NSC 86164
Inchi:	InChI=1S/C17H19ClN2/c18-16-8-6-15(7-9-16)17(14-4-2-1-3-5-14)20-12-10-19-11-13-20/
InchiKey:	UZKBSZSTDQSMDR-UHFFFAOYSA-N
Formula:	C17H19ClN2
SMILES:	Clc1ccc(C(c2ccccc2)N2CCNCC2)cc1
Mol. weight [g/mol]:	286.80
CAS:	303-26-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.04		Crippen Method
logp	3.335		Crippen Method
mcvol	224.210	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	452.20	K	0.07	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C303264&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
tbrp:	Boiling point at reduced pressure