Piperidine, 1,1'-carbonylbis-

Other names:	N,N,N',N'-Bis(cyclopentamethylene)urea
	Bis(pentamethylene)urea
	N,N,N',N'-Bispentamethyleneurea
	N,N'-Carbonylbis(piperidine)
	1,1'-Carbonyldipiperidine
	Piperidine, 1,1'-carbonyldi-
	NSC 3145
Inchi:	InChI=1S/C11H20N2O/c14-11(12-7-3-1-4-8-12)13-9-5-2-6-10-13/h1-10H2
InchiKey:	SNOJOKOVTYPHMC-UHFFFAOYSA-N
Formula:	C11H20N2O
SMILES:	O=C(N1CCCCC1)N1CCCCC1
Mol. weight [g/mol]:	196.29
CAS:	5395-04-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.11		Crippen Method
logp	2.078		Crippen Method
mcvol	165.660	ml/mol	McGowan Method
tb	570.20	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=C5395040&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