

Piperidinoacetal

Other names:	N-(2,2-Diethoxyethyl)piperidine Piperidine, 1-(2,2-diethoxyethyl)- 1-Piperidineacetaldehyde, diethyl acetal 1-(2,2-diethoxyethyl)piperidine
Inchi:	InChI=1S/C11H23NO2/c1-3-13-11(14-4-2)10-12-8-6-5-7-9-12/h11H,3-10H2,1-2H3
InchiKey:	VSHHRRNJQBETGT-UHFFFAOYSA-N
Formula:	C11H23NO2
SMILES:	CCOC(CN1CCCCC1)OCC
Mol. weight [g/mol]:	201.31
CAS:	3616-58-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.67		Crippen Method
logp	1.871		Crippen Method
mcvol	176.710	ml/mol	McGowan Method
tb	493.20	K	NIST Webbook

Sources

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=C3616588&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

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