

2-Piperidinecarboxylic acid, 1-(trimethylsilyl)-, trimethylsilyl ester

Other names:	2-Piperidinecarboxylic acid, N-trimethylsilyl-, trimethylsilyl ester Pipecolic acid (N,O-diTMS) Pipecolinic acid, bis-TMS Pipecolinic acid, (2TMS) PIPECOLIC ACID,N,O-TMS Pipecolinic acid, TMS Pipecolic acid, 2tms derivative
Inchi:	InChI=1S/C12H27NO2Si2/c1-16(2,3)13-10-8-7-9-11(13)12(14)15-17(4,5)6/h11H,7-10H2
InchiKey:	CPDPZJUOATWIOD-UHFFFAOYSA-N
Formula:	C12H27NO2Si2
SMILES:	C[Si](C)(C)OC(=O)C1CCCCN1[Si](C)(C)C
Mol. weight [g/mol]:	273.52
CAS:	55255-44-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.61		Crippen Method
logp	3.054		Crippen Method
rinqol	1366.40		NIST Webbook
rinqol	1367.00		NIST Webbook
rinqol	1360.40		NIST Webbook
rinqol	1360.40		NIST Webbook
rinqol	1366.40		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55255442&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
rinpol: Non-polar retention indices

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