

2-Pyrrolidone-5-carboxylic acid, tert-butyldimethylsilyl ester

Other names:	tert-Butyl(dimethyl)silyl 5-oxoprolinate 2-Pyrrolidone-5-carboxylic acid, tbdms derivative
Inchi:	InChI=1S/C11H21NO3Si/c1-11(2,3)16(4,5)15-10(14)8-6-7-9(13)12-8/h8H,6-7H2,1-5H3,(
InchiKey:	HQMGJCGKQSVNCX-UHFFFAOYSA-N
Formula:	C11H21NO3Si
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)C1CCC(=O)N1
Mol. weight [g/mol]:	243.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.31		Crippen Method
logp	1.813		Crippen Method
rinpol	1752.30		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333167&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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