

2(3H)-Furanone, dihydro-3-[(trimethylsilyl)oxy]-3-[[trimethylsilyl]oxy]-

Other names:	Bis(trimethylsilyl)-3-deoxy-2-C-(hydroxymethyl)-tetrono-1,4-lactone 3-[(Trimethylsilyl)oxy]-3-[[trimethylsilyl]oxy]methyl)dihydro-2(3H)-furanone 3-Deoxy-2-C-(hydroxymethyl)tetronic acid, 1,4-lactone, TMS
Inchi:	InChI=1S/C11H24O4Si2/c1-16(2,3)14-9-11(15-17(4,5)6)7-8-13-10(11)12/h7-9H2,1-6H3
InchiKey:	FGIXDNRNJCTTJD-UHFFFAOYSA-N
Formula:	C11H24O4Si2
SMILES:	C[Si](C)(C)OCC1(O[Si](C)(C)C)CCOC1=O
Mol. weight [g/mol]:	276.48
CAS:	38166-06-2

Physical Properties

Property code	Value	Unit	Source
log10ws	2.43		Crippen Method
logp	2.375		Crippen Method
rinpol	1390.00		NIST Webbook
rinpol	1390.00		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=C38166062&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/113-128-4/2-3H-Furanone-dihydro-3-trimethylsilyl-oxy-3-trimethylsilyl-oxy-methyl.pdf>

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