

4H-Pyran-4-one, 5-[(trimethylsilyl)oxy]-2-[[trimethylsilyl]oxy]methyl

Other names:	5-((Trimethylsilyl)oxy)-2-(((trimethylsilyl)oxy)methyl)-4H-pyran-4-one
Inchi:	InChI=1S/C12H22O4Si2/c1-17(2,3)15-8-10-7-11(13)12(9-14-10)16-18(4,5)6/h7,9H,8H2,1
InchiKey:	YBZFOZISWWXREG-UHFFFAOYSA-N
Formula:	C12H22O4Si2
SMILES:	C[Si](C)(C)OCc1cc(=O)c(O[Si](C)(C)C)co1
Mol. weight [g/mol]:	286.47
CAS:	55557-21-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.91		Crippen Method
logp	3.205		Crippen Method
rinpol	1686.20		NIST Webbook
rinpol	1686.20		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=C55557216&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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