

2,6-Dideoxy-ribo-hexonic acid, 1,4-lactone, TMS

Inchi:	InChI=1S/C12H26O4Si2/c1-9(15-17(2,3)4)12-10(8-11(13)14-12)16-18(5,6)7/h9-10,12H,8
InchiKey:	PWGNVQKEEOOZHR-YWTFCRFGSA-N
Formula:	C12H26O4Si2
SMILES:	CC(O[Si](C)(C)C)C1OC(=O)CC1O[Si](C)(C)C
Mol. weight [g/mol]:	290.50

Physical Properties

Property code	Value	Unit	Source
log10ws	1.79		Crippen Method
logp	2.762		Crippen Method
rinpol	1538.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R100795&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.cheméo.com/cid/21-197-0/2-6-Dideoxy-ribo-hexonic-acid-1-4-lactone-TMS.pdf>

Generated by Cheméo on 2024-04-25 04:47:52.103430701 +0000 UTC m=+16309721.024008016.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.