

2-Deoxy-erythro-pentonic acid, 1,4-lactone, TMS

Inchi:	InChI=1S/C11H24O4Si2/c1-16(2,3)13-8-10-9(7-11(12)14-10)15-17(4,5)6/h9-10H,7-8H2,
InchiKey:	IKMKBKLESWIEFA-NXEZZACHSA-N
Formula:	C11H24O4Si2
SMILES:	C[Si](C)(C)OCC1OC(=O)CC1O[Si](C)(C)C
Mol. weight [g/mol]:	276.48

Physical Properties

Property code	Value	Unit	Source
log10ws	2.32		Crippen Method
logp	2.373		Crippen Method
rinpol	1509.00		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=R487666&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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