

# 3,5-Dideoxy-threo-pentonic acid, 1,4-lactone, TMS

Inchi:	InChI=1S/C8H16O3Si/c1-6-5-7(8(9)10-6)11-12(2,3)4/h6-7H,5H2,1-4H3/t6-,7-/m0/s1
InchiKey:	XSDLWUWZXXXEOH-BQBZGAKWSA-N
Formula:	C8H16O3Si
SMILES:	CC1CC(O[Si](C)(C)C)C(=O)O1
Mol. weight [g/mol]:	188.30

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.71		Crippen Method
logp	1.542		Crippen Method
rinpol	1183.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R101114&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R101114&amp;Units=SI</a>

## Legend

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

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