

Threono-1,4-lactone, TMS

Inchi: InChI=1S/C10H22O4Si2/c1-15(2,3)13-8-7-12-10(11)9(8)14-16(4,5)6/h8-9H,7H2,1-6H3/t8
InchiKey: ASNCBNVBJKSVIT-BDAKNGLRSA-N
Formula: C10H22O4Si2
SMILES: C[Si](C)(C)OC1COC(=O)C1O[Si](C)(C)C
Mol. weight [g/mol]: 262.45

Physical Properties

Property code	Value	Unit	Source
log10ws	2.73		Crippen Method
logp	1.983		Crippen Method
rinpol	1600.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R594219&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/76-827-0/Threono-1-4-lactone-TMS.pdf>

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