

2C-(2-Hydroxyethyl)threonic acid lactone # 1, TMS

Inchi: InChI=1S/C15H34O5Si3/c1-21(2,3)18-11-10-15(20-23(7,8)9)13(12-17-14(15)16)19-22(4,5)
InchiKey: DZFJFABFQCOERL-HIFRSBDPSA-N
Formula: C15H34O5Si3
SMILES: C[Si](C)(C)OCCC1(O[Si](C)(C)C)C(=O)OCC1O[Si](C)(C)C
Mol. weight [g/mol]: 378.68

Physical Properties

Property code	Value	Unit	Source
log10ws	3.50		Crippen Method
logp	3.595		Crippen Method
rinpol	1702.00		NIST Webbook
rinpol	1740.00		NIST Webbook
rinpol	1702.00		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=R391347&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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<https://www.cheméo.com/cid/119-738-1/2C-2-Hydroxyethyl-threonic-acid-lactone-1-TMS.pdf>

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