

Glyceric acid-3-phosphate, 4TMS

Inchi: InChI=1S/C15H39O7PSi4/c1-24(2,3)19-14(15(16)20-25(4,5)6)13-18-23(17,21-26(7,8)9)2
InchiKey: PDUHJJDSOWNSBM-UHFFFAOYSA-N
Formula: C15H39O7PSi4
SMILES: C[Si](C)(C)OC(=O)C(COP(=O)(O[Si](C)(C)C)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 474.78

Physical Properties

Property code	Value	Unit	Source
log10ws	3.11		Crippen Method
logp	5.412		Crippen Method
rinpol	1833.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R620076&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.chemeo.com/cid/118-586-1/Glyceric-acid-3-phosphate-4TMS.pdf>

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