

C-(2-Hydroxyethyl)glyceraric acid, TMS

Inchi: InChI=1S/C17H40O6Si4/c1-24(2,3)20-14-13-17(23-27(10,11)12,15(18)21-25(4,5)6)16(19)
InchiKey: OJAADPIERSGLBB-UHFFFAOYSA-N
Formula: C17H40O6Si4
SMILES: C[Si](C)(C)OCCC(O[Si](C)(C)C)(C(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 452.84

Physical Properties

Property code	Value	Unit	Source
log10ws	4.85		Crippen Method
logp	4.574		Crippen Method
rinpol	1696.00		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=R101614&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/116-849-1/C-2-Hydroxyethyl-glyceraric-acid-TMS.pdf>

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