

2-Hydroxyglutaric acid, 1-ethyl ester, 2TMS

Inchi: InChI=1S/C13H28O5Si2/c1-8-16-13(15)11(17-19(2,3)4)9-10-12(14)18-20(5,6)7/h11H,8-1
InchiKey: FESPIRJCLCZERS-UHFFFAOYSA-N
Formula: C13H28O5Si2
SMILES: CCOC(=O)C(CCC(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 320.53

Physical Properties

Property code	Value	Unit	Source
log10ws	1.71		Crippen Method
logp	2.928		Crippen Method
rinpol	1534.60		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U414037&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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/120-812-6/2-Hydroxyglutaric-acid-1-ethyl-ester-2TMS.pdf>

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