

Acetic acid, 2,2'-oxybis-, bis(tert-butyldimethylsilyl) ester

Other names: 2-(Carboxymethyloxy)acetic acid, bis(tert-butyldimethylsilyl) ester

Diglycolic acid, TBDMS

Inchi: InChI=1S/C16H34O5Si2/c1-15(2,3)22(7,8)20-13(17)11-19-12-14(18)21-23(9,10)16(4,5)6

InchiKey: GGUJIVGZBPEKNE-UHFFFAOYSA-N

Formula: C16H34O5Si2

SMILES: CC(C)(C)[Si](C)(C)OC(=O)COCC(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 362.61

Physical Properties

Property code	Value	Unit	Source
log10ws	0.57		Crippen Method
logp	4.100		Crippen Method
rinpola	1870.00		NIST Webbook
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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=U366873&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpola: Non-polar retention indices

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