2,2-Dimethoxyglutaric acid, TBDMS

Inchi: InChI=1S/C19H40O6Si2/c1-17(2,3)26(9,10)24-15(20)13-14-19(22-7,23-8)16(21)25-27(11
InchiKey: OOXNMRBWZKFXLY-UHFFFAOYSA-N
Formula: C19H40O6Si2
SMILES: COC(CCC(=O)O[Si](C)(C)C(C)(C)C)(OC)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 420.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.38		Crippen Method
logp	4.852		Crippen Method
rinpol	1896.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R562891&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices