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(1
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:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R562891&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/58-270-8/2-2-Dimethoxyglutaric-acid-TBDMS.pdf

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