

2-Oxoglutaric acid, MEOX-2TMS

Inchi: InChI=1S/C12H25NO5Si2/c1-16-13-10(12(15)18-20(5,6)7)8-9-11(14)17-19(2,3)4/h8-9H2
InchiKey: CDCIQINXMINSBF-UHFFFAOYSA-N
Formula: C12H25NO5Si2
SMILES: CON=C(CCC(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 319.50

Physical Properties

Property code	Value	Unit	Source
log10ws	2.09		Crippen Method
logp	2.525		Crippen Method
rinpol	1589.00		NIST Webbook
rinpol	1589.00		NIST Webbook

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=R605493&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/112-951-1/2-Oxoglutaric-acid-MEOX-2TMS.pdf>

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