

2-Ketoglutaric acid, MO TBDMS # 1

Inchi: InChI=1S/C18H37NO5Si2/c1-17(2,3)25(8,9)23-15(20)13-12-14(19-22-7)16(21)24-26(10,
InchiKey: QGCIKSOCAHGNFN-UHFFFAOYSA-N
Formula: C18H37NO5Si2
SMILES: CON=C(CCC(=O)O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 403.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.43		Crippen Method
logp	4.866		Crippen Method
rinsol	1989.00		NIST Webbook
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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=R563176&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/68-324-7/2-Ketoglutaric-acid-MO-TBDMS-1.pdf>

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