

# oximated 2-ketoglutaric acid, diTMS

**Inchi:** InChI=1S/C14H31NO5Si3/c1-21(2,3)18-13(16)11-10-12(15-20-23(7,8)9)14(17)19-22(4,5)  
**InchiKey:** BZEWGAWDLBKEY-UHFFFAOYSA-N  
**Formula:** C14H31NO5Si3  
**SMILES:** C[Si](C)(C)ON=C(CCC(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 377.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.20		Crippen Method
logp	3.730		Crippen Method
rinpol	1635.00		NIST Webbook
rinpol	1635.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R273422&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

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<https://www.chemeo.com/cid/114-679-2/oximated-2-ketoglutaric-acid-diTMS.pdf>

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