

# Glutarylglucine diTBDMS

**Inchi:** InChI=1S/C25H53NO5Si3/c1-23(2,3)32(10,11)29-20(26-19-22(28)31-34(14,15)25(7,8)9)  
**InchiKey:** OVQJWEINADUNGB-UHFFFAOYSA-N  
**Formula:** C25H53NO5Si3  
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)CCCC(=NCC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 531.95

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.91		Crippen Method
logp	7.674		Crippen Method
rinpol	2434.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R276892&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/25-858-2/Glutarylglucine-diTBDMS.pdf>

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