

# 12-Hydroxystearic acid, bis-TBDMS

**Inchi:** InChI=1S/C30H64O3Si2/c1-12-13-14-21-24-27(32-34(8,9)29(2,3)4)25-22-19-17-15-16-1  
**InchiKey:** HAGUDXZSVSTQNT-UHFFFAOYSA-N  
**Formula:** C30H64O3Si2  
**SMILES:** CCCCCC(CCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 529.00

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.54		Crippen Method
logp	10.797		Crippen Method
rinpol	2911.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R562851&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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