

# 3-Hydroxytetradecanedioic acid, tri-TMS

**Inchi:** InChI=1S/C23H50O5Si3/c1-29(2,3)26-21(20-23(25)28-31(7,8)9)18-16-14-12-10-11-13-14  
**InchiKey:** GTSHKMRXTVUWIJ-UHFFFAOYSA-N  
**Formula:** C<sub>23</sub>H<sub>50</sub>O<sub>5</sub>Si<sub>3</sub>  
**SMILES:** C[Si](C)(C)OC(=O)CCCCCCCCCCC(CC(=O)O[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 490.90

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.53		Crippen Method
logp	7.254		Crippen Method
rinpol	2461.00		NIST Webbook
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## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R51553&Units=SI>

## Legend

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

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