

# C-(3-Hydroxypropyl)glyceraric acid, TMS

**Inchi:** InChI=1S/C18H42O6Si4/c1-25(2,3)21-15-13-14-18(24-28(10,11)12,16(19)22-26(4,5)6)17  
**InchiKey:** NUFQFSLYLNWIBG-UHFFFAOYSA-N  
**Formula:** C18H42O6Si4  
**SMILES:** C[Si](C)(C)OCCCC(O[Si](C)(C)C)(C(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 466.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.43		Crippen Method
logp	4.965		Crippen Method
rinsol	1771.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R101629&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  
**rinsol:** Non-polar retention indices

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