

# 2-Ethyl-3-hydroxypropionic acid, di-TMS

<b>Other names:</b>	2-Ethylhydracrylic acid, di-TMS 2-Ethylhydracrylic acid, TMS Hydracrylic acid, 2-ethyl, bis-TMS Ethylhydracrylic acid, diTMS
<b>Inchi:</b>	InChI=1S/C11H26O3Si2/c1-8-10(9-13-15(2,3)4)11(12)14-16(5,6)7/h10H,8-9H2,1-7H3
<b>InchiKey:</b>	NOZIRIVQUPXLEI-UHFFFAOYSA-N
<b>Formula:</b>	C11H26O3Si2
<b>SMILES:</b>	CCC(CO[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	262.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.76		Crippen Method
logp	3.242		Crippen Method
rinpol	1232.00		NIST Webbook
rinpol	1239.00		NIST Webbook
rinpol	1236.00		NIST Webbook
rinpol	1240.00		NIST Webbook
rinpol	1231.00		NIST Webbook
rinpol	1233.00		NIST Webbook
rinpol	1232.00		NIST Webbook
rinpol	1231.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U72001&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U72001&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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