

# 3-Hydroxydodecanedioic acid, tris(O-trimethylsilyl)

<b>Other names:</b>	3-Hydroxydodecadienoic acid, tri-TMS 3-Hydroxydodecanedioic acid, tri-TMS Dodecanedioic acid, 3-hydroxy, TMS ether, bis-TMS ester Dodecanedioic acid, 3-[(trimethylsilyl)oxy]-, bis(trimethylsilyl) ester Dodecanedioic acid, 3-hydroxy, TMS
<b>Inchi:</b>	InChI=1S/C21H46O5Si3/c1-27(2,3)24-19(18-21(23)26-29(7,8)9)16-14-12-10-11-13-15-1
<b>InchiKey:</b>	CEEATCPCGFSGDV-UHFFFAOYSA-N
<b>Formula:</b>	C <sub>21</sub> H <sub>46</sub> O <sub>5</sub> Si <sub>3</sub>
<b>SMILES:</b>	<chem>C[Si](C)(C)OC(=O)CCCCCCCC(CC(=O)O[Si](C)(C)C)O[Si](C)(C)C</chem>
<b>Mol. weight [g/mol]:</b>	462.84
<b>CAS:</b>	81089-39-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.31		Crippen Method
logp	6.474		Crippen Method
rinpol	2262.00		NIST Webbook
rinpol	2277.00		NIST Webbook
rinpol	2231.00		NIST Webbook
rinpol	2274.00		NIST Webbook
rinpol	2274.00		NIST Webbook

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C81089396&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C81089396&amp;Units=SI</a>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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