

2-Hydroxydecanoic acid, TMS

Inchi:	InChI=1S/C16H36O3Si2/c1-8-9-10-11-12-13-14-15(18-20(2,3)4)16(17)19-21(5,6)7/h15H
InchiKey:	DSCFWMWOXRNBJP-UHFFFAOYSA-N
Formula:	C16H36O3Si2
SMILES:	CCCCCCCC(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	332.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.68		Crippen Method
logp	5.335		Crippen Method
rinpol	1653.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R400243&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/20-375-3/2-Hydroxydecanoic-acid-TMS.pdf>

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