

Dodecanoic acid, 3-hydroxy, TBDMS

Other names:	3-Hydroxy lauric acid, bis-TBDMS
Inchi:	InChI=1S/C24H52O3Si2/c1-12-13-14-15-16-17-18-19-21(26-28(8,9)23(2,3)4)20-22(25)2
InchiKey:	IIRKOBZIGWYHH-UHFFFAOYSA-N
Formula:	C24H52O3Si2
SMILES:	CCCCCCCCC(CC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	444.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	8.456		Crippen Method
rinpol	2272.00		NIST Webbook
rinpol	2272.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R80871&Units=SI

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/117-441-2/Dodecanoic-acid-3-hydroxy-TBDMS.pdf>

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