

10-Hydroxy-stearic acid, methyl ester, tBDMS ether

Inchi:	InChI=1S/C25H52O3Si/c1-8-9-10-11-14-17-20-23(28-29(6,7)25(2,3)4)21-18-15-12-13-16
InchiKey:	ZHTANUOVQAGIII-UHFFFAOYSA-N
Formula:	C25H52O3Si
SMILES:	CCCCCCCCC(CCCCCCCC(=O)OC)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	428.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.40		Crippen Method
logp	8.421		Crippen Method
rinpol	2539.00		NIST Webbook
rinpol	2539.00		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=R187381&Units=SI

Legend

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

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<https://www.chemeo.com/cid/91-497-0/10-Hydroxy-stearic-acid-methyl-ester-tBDMS-ether.pdf>

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