

# 7-Hydroxy-stearic acid, methyl ester, tBDMS ether

Inchi:	InChI=1S/C25H52O3Si/c1-8-9-10-11-12-13-14-15-17-20-23(28-29(6,7)25(2,3)4)21-18-16
InchiKey:	QGRSUJGWWQYNRF-UHFFFAOYSA-N
Formula:	C25H52O3Si
SMILES:	CCCCCCCCCCCC(CCCCC(=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	2538.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R186739&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R186739&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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