

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

Inchi:	InChI=1S/C25H52O3Si/c1-8-9-10-11-12-13-14-15-16-17-20-23(21-18-19-22-24(26)27-5)
InchiKey:	LJCXJJZSIUCDRT-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	2542.00		NIST Webbook
rinpol	2542.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R186784&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/90-540-2/6-Hydroxy-stearic-acid-methyl-ester-tBDMS-ether.pdf>

Generated by Cheméo on 2024-04-20 06:34:35.15291372 +0000 UTC m=+15884124.073491043.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.