

7-Hydroxy-palmitic acid, methyl ester, tBDMS ether

Inchi:	InChI=1S/C23H48O3Si/c1-8-9-10-11-12-13-15-18-21(26-27(6,7)23(2,3)4)19-16-14-17-20
InchiKey:	NZDQNJASKXFLKO-UHFFFAOYSA-N
Formula:	C23H48O3Si
SMILES:	CCCCCCCCC(CCCCC(=O)OC)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	400.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.56		Crippen Method
logp	7.641		Crippen Method
rinpol	2341.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R186620&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

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<https://www.chemeo.com/cid/97-239-0/7-Hydroxy-palmitic-acid-methyl-ester-tBDMS-ether.pdf>

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