3-Hydroxy-palmitic acid, methyl ester, 3-tBDMS ether

Inchi: InChI=1S/C23H48O3Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-21(20-22(24)25-5)26-27(
InchiKey: YJDWDOIHWAMKFQ-UHFFFAOYSA-N
Formula: C23H48O3Si
SMILES: CCCCCCCCCCCCCC(CC(=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	2336.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R186828&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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