(Trimethylsilyl)methyl myristate

Inchi: InChI=1S/C18H38O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-18(19)20-17-21(2,3)4/h5-17H
InchiKey: AZTARVGKQBSBQF-UHFFFAOYSA-N
Formula: C18H38O2Si
SMILES: CCCCCCCCCCCCCC(=O)OC[Si](C)(C)C
Mol. weight [g/mol]: 314.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.78		Crippen Method
logp	6.108		Crippen Method
rinpol	2001.40		NIST Webbook
rinpol	2001.40		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333715&Units=SI

Legend

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