Myristoleic acid, DMTBS

Other names: Myristoleic acid, TBDMS
Inchi: InChI=1S/C20H40O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19(21)22-23(5,6)20(2,3)4/h
InchiKey: VYLJQJLYELXMRD-KHPPLWFESA-N
Formula: C20H40O2Si
SMILES: CCCCC=CCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 340.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.96		Crippen Method
logp	7.012		Crippen Method
rinpol	2075.00		NIST Webbook
rinpol	2075.00		NIST Webbook
rinpol	2078.00		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=R538462&Units=SI

Legend

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