2-Octenoic acid, trimethylsilyl ester

Inchi: InChI=1S/C11H22O2Si/c1-5-6-7-8-9-10-11(12)13-14(2,3)4/h9-10H,5-8H2,1-4H3
InchiKey: YYMCWFXIWNIWDG-UHFFFAOYSA-N
Formula: C11H22O2Si
SMILES: CCCCCC=CC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 214.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.19		Crippen Method
logp	3.501		Crippen Method
rinpol	1305.00		NIST Webbook
rinpol	1313.20		NIST Webbook
rinpol	1313.20		NIST Webbook
rinpol	1305.00		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=U79464&Units=SI

Legend

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