(E)-2-Pentenoic acid, 2-[1-(E)propenyl], trimethylsilyl ester

Inchi: InChI=1S/C11H20O2Si/c1-6-8-10(9-7-2)11(12)13-14(3,4)5/h6,8-9H,7H2,1-5H3/b8-6+,10-

InchiKey: WSWIJWPSLNCJQU-QGHYKFKQSA-N

Formula: C11H20O2Si

SMILES: CC=CC(=CCC)C(=O)O[Si](C)(C)C

Mol. weight [g/mol]: 212.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.05		Crippen Method
logp	3.277		Crippen Method
rinpol	1263.00		NIST Webbook
rinpol	1263.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R167916&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