(Z)-2-Pentenoic acid, 2-propyl, trimethylsilyl ester

Inchi: InChI=1S/C11H22O2Si/c1-6-8-10(9-7-2)11(12)13-14(3,4)5/h8H,6-7,9H2,1-5H3/b10-8-

InchiKey: KGWGDWFLOXQJIH-NTMALXAHSA-N

Formula: C11H22O2Si

SMILES: CCC=C(CCC)C(=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	1159.00		NIST Webbook
rinpol	1159.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R168048&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

Latest version available from:

https://www.chemeo.com/cid/71-148-9/Z-2-Pentenoic-acid-2-propyl-trimethylsilyl-ester.pdf

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