

Trimethylsilyl (2Z)-4-methyl-2-[(trimethylsilyl)oxy]pent-2-enoate

Inchi: InChI=1S/C12H26O3Si2/c1-10(2)9-11(14-16(3,4)5)12(13)15-17(6,7)8/h9-10H,1-8H3/b11
InchiKey: FTLCXFGROBHVHFT-LUAWRHEFSA-N
Formula: C12H26O3Si2
SMILES: CC(C)C=C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 274.50

Physical Properties

Property code	Value	Unit	Source
log10ws	1.00		Crippen Method
logp	3.756		Crippen Method
rinpol	1233.80		NIST Webbook
rinpol	1258.00		NIST Webbook
rinpol	1233.80		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333852&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/54-882-3/Trimethylsilyl-2Z-4-methyl-2-trimethylsilyl-oxy-pent-2-enoate.pdf>

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