

(Trimethylsilyl)methyl decanoate

Inchi: InChI=1S/C14H30O2Si/c1-5-6-7-8-9-10-11-12-14(15)16-13-17(2,3)4/h5-13H2,1-4H3
InchiKey: JYQZANSJKLLRMU-UHFFFAOYSA-N
Formula: C14H30O2Si
SMILES: CCCCCCCCCC(=O)OC[Si](C)(C)C
Mol. weight [g/mol]: 258.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	4.548		Crippen Method
rinpol	1601.10		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333722&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/120-611-9/Trimethylsilyl-methyl-decanoate.pdf>

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