

(Trimethylsilyl)methyl palmitate

Inchi: InChI=1S/C20H42O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-20(21)22-19-23(2,3)4/
InchiKey: PREQZSPMVNHMSU-UHFFFAOYSA-N
Formula: C20H42O2Si
SMILES: CCCCCCCCCCCCCC(=O)OC[Si](C)(C)C
Mol. weight [g/mol]: 342.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.61		Crippen Method
logp	6.888		Crippen Method
rinpol	2197.20		NIST Webbook
rinpol	2197.20		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333713&Units=SI>

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/95-666-8/Trimethylsilyl-methyl-palmitate.pdf>

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