

10-Eicosenoic acid, trimethylsilyl ester

Inchi: InChI=1S/C23H46O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(24)25
InchiKey: ONZQUEFSFRLQQN-BUHFOSPRSA-N
Formula: C23H46O2Si
SMILES: CCCCCCCCCC=CCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 382.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.22		Crippen Method
logp	8.182		Crippen Method
rinpol	2405.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R166626&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/21-108-8/10-Eicosenoic-acid-trimethylsilyl-ester.pdf>

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