

(Trimethylsilyl)methyl stearate

Inchi: InChI=1S/C22H46O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-22(23)24-21-25
InchiKey: XVRFNXMPJZMAHS-UHFFFAOYSA-N
Formula: C22H46O2Si
SMILES: CCCCCCCCCCCCCCCCCC(=O)OC[Si](C)(C)C
Mol. weight [g/mol]: 370.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.45		Crippen Method
logp	7.668		Crippen Method
rinpol	2399.50		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333712&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/53-509-8/Trimethylsilyl-methyl-stearate.pdf>

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