

Undecanoic acid, trimethylsilyl ester

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.60		Crippen Method
logp	4.895		Crippen Method
rinpol	1549.00		NIST Webbook
rinpol	1546.20		NIST Webbook
rinpol	1549.00		NIST Webbook
rinpol	1549.00		NIST Webbook
rinpol	1550.00		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=U333723&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/45-651-9/Undecanoic-acid-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2023-12-06 23:59:01.056370329 +0000 UTC m=+4196389.976947644.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.