

Silane, trimethyl(undecyloxy)-

Other names:	1-Trimethylsilyloxyundecane 1-Undecanol, trimethylsilyl ether 1-Undecanol, tms derivative
Inchi:	InChI=1S/C14H32OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16(2,3)4/h5-14H2,1-4H3
InchiKey:	GPDMSFNJTHJXAZ-UHFFFAOYSA-N
Formula:	C14H32OSi
SMILES:	CCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	244.49
CAS:	17957-64-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Crippen Method
logp	5.369		Crippen Method
rinpol	1465.20		NIST Webbook
rinpol	1465.20		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=C17957641&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/60-917-7/Silane-trimethyl-undecyloxy.pdf>

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