

Silane, trimethyl(nonadecyloxy)-

Other names:	1-Nonadecanol, TMS
Inchi:	InChI=1S/C22H48OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24(2,3)
InchiKey:	ZCXFANMVLKBKTN-UHFFFAOYSA-N
Formula:	C22H48OSi
SMILES:	CCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	356.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.17		Crippen Method
logp	8.489		Crippen Method
rinpol	2276.00		NIST Webbook
rinpol	2259.00		NIST Webbook
rinpol	2246.10		NIST Webbook
rinpol	2248.50		NIST Webbook
rinpol	2276.00		NIST Webbook
rinpol	2246.10		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U351845&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/84-421-1/Silane-trimethyl-nonadecyloxy.pdf>

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