

Silane, trimethyl(pentadecyloxy)-

Other names:	1-Trimethylsilyloxy-pentadecane Pentadecyl trimethylsilyl ether Pentadecane, 1-trimethylsilyloxy- (Pentadecyloxy)trimethylsilane 1-Pentadecanol, trimethylsilyl ether Pentadecoxy-trimethylsilane 1-Pentadecanol, tms derivative
Inchi:	InChI=1S/C18H40OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20(2,3)4/h5-18H2,1-
InchiKey:	RKGZKYJCMGEFNK-UHFFFAOYSA-N
Formula:	C18H40OSi
SMILES:	CCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	300.60
CAS:	61736-79-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.50		Crippen Method
logp	6.929		Crippen Method
rinpol	1866.00		NIST Webbook
rinpol	1856.40		NIST Webbook
rinpol	1856.40		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=C61736796&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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