

Silane, trimethyl(nonyloxy)-

Other names:	1-Trimethylsilyloxynonane Nonyl trimethylsilyl ether 1-Nonanol, trimethylsilyl ether 1-Nonanol, tms derivative
Inchi:	InChI=1S/C12H28OSi/c1-5-6-7-8-9-10-11-12-13-14(2,3)4/h5-12H2,1-4H3
InchiKey:	WZNQZZJRYURJIJ-UHFFFAOYSA-N
Formula:	C12H28OSi
SMILES:	CCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	216.44
CAS:	18388-84-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.98		Crippen Method
logp	4.588		Crippen Method
ripol	1270.00		NIST Webbook
ripol	1265.00		NIST Webbook
ripol	1289.80		NIST Webbook
ripol	1270.00		NIST Webbook
ripol	1275.00		NIST Webbook
ripol	1298.00		NIST Webbook
ripol	1298.00		NIST Webbook
ripol	1275.00		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=C18388846&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
ripol:	Polar retention indices

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