

Silane, (hexyloxy)trimethyl-

Other names:	(Hexyloxy)trimethylsilane Hexyl alcohol, trimethylsilyl ether Silane, trimethyl, hexyloxy 1-Hexanol, tms derivative
Inchi:	InChI=1S/C9H22OSi/c1-5-6-7-8-9-10-11(2,3)4/h5-9H2,1-4H3
InchiKey:	HNVBZKNIPZVUDV-UHFFFAOYSA-N
Formula:	C9H22OSi
SMILES:	CCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	174.36
CAS:	17888-62-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.73		Crippen Method
logp	3.418		Crippen Method
rinpol	932.00		NIST Webbook
rinpol	932.00		NIST Webbook
rinpol	982.00		NIST Webbook
rinpol	986.40		NIST Webbook
rinpol	932.00		NIST Webbook
ripol	1007.00		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=C17888629&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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