

Silane, triethoxymethoxy-

Other names:	Triethyl methyl orthosilicate Silane, methoxy-, triethoxy-
Inchi:	InChI=1S/C7H18O4Si/c1-5-9-12(8-4,10-6-2)11-7-3/h5-7H2,1-4H3
InchiKey:	QYBKVVRRGQSGDC-UHFFFAOYSA-N
Formula:	C7H18O4Si
SMILES:	CCO[Si](OC)(OCC)OCC
Mol. weight [g/mol]:	194.30
CAS:	18395-48-7

Physical Properties

Property code	Value	Unit	Source
log10ws	1.10		Crippen Method
logp	1.178		Crippen Method
rinpol	812.00		NIST Webbook
rinpol	812.10		NIST Webbook
rinpol	807.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18395487&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/53-267-7/Silane-triethoxymethoxy.pdf>

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