

2-[2-(2-Ethoxyethoxy)ethoxy]ethoxy-trimethylsilane

Other names:	2,2-Dimethyl-3,6,9,12-tetraoxa-2-silatetradecane Ethyltriethylene glycol, tms derivative
Inchi:	InChI=1S/C11H26O4Si/c1-5-12-6-7-13-8-9-14-10-11-15-16(2,3)4/h5-11H2,1-4H3
InchiKey:	LZOLXLDSKISUGA-UHFFFAOYSA-N
Formula:	C11H26O4Si
SMILES:	CCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	250.41

Physical Properties

Property code	Value	Unit	Source
log10ws	1.17		Crippen Method
logp	1.908		Crippen Method
rinpol	1418.40		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352084&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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/51-767-4/2-2-2-Ethoxyethoxy-ethoxy-ethoxy-trimethylsilane.pdf>

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