

2-[2-[2-(tert-Butyldimethylsilyloxy)ethoxy]ethoxy]

Other names:	3,6,9-Trioxa-10-siladodecan-1-ol, 10,10,11,11-tetramethyl-Triethylene glycol, mono(tert-butyldimethylmethyl)silyl ether Triethylene glycol, tbdms derivative
Inchi:	InChI=1S/C12H28O4Si/c1-12(2,3)17(4,5)16-11-10-15-9-8-14-7-6-13/h13H,6-11H2,1-5H3
InchiKey:	JDGGOIGZHUWNHX-UHFFFAOYSA-N
Formula:	C12H28O4Si
SMILES:	CC(C)(C)[Si](C)(C)OCCOCCOCCO
Mol. weight [g/mol]:	264.43

Physical Properties

Property code	Value	Unit	Source
log10ws	0.58		Crippen Method
logp	2.034		Crippen Method
rinpol	1600.50		NIST Webbook
rinpol	1600.50		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352101&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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