

tert-Butyl-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]o

Other names:	2,2,3,3-Tetramethyl-4,7,10,13-tetraoxa-3-silatetradecane Methyltrioxitol, tbdms derivative
Inchi:	InChI=1S/C13H30O4Si/c1-13(2,3)18(5,6)17-12-11-16-10-9-15-8-7-14-4/h7-12H2,1-6H3
InchiKey:	VKMQSVSVSHNHSU-UHFFFAOYSA-N
Formula:	C13H30O4Si
SMILES:	COCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	278.46

Physical Properties

Property code	Value	Unit	Source
log10ws	0.34		Crippen Method
logp	2.688		Crippen Method
rinpol	1577.70		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352095&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/21-356-3/tert-Butyl-2-2-2-methoxyethoxy-ethoxy-ethoxy-dimethylsilane.pdf>

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