

tert-Butyl-[2-[2-(2-ethoxyethoxy)ethoxy]ethoxy]dimethylsilane

Other names:	2-[2-(2-Ethoxyethoxy)ethoxy]ethanol, tert-butyldimethylsilyl ether Ethyltriethylene glycol, tbdms derivative
Inchi:	InChI=1S/C14H32O4Si/c1-7-15-8-9-16-10-11-17-12-13-18-19(5,6)14(2,3)4/h7-13H2,1-6H1
InchiKey:	ZYNHPZMEWLUPRG-UHFFFAOYSA-N
Formula:	C14H32O4Si
SMILES:	CCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	292.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.08		Crippen Method
logp	3.078		Crippen Method
rinpola	1633.40		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352135&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
rinpola:	Non-polar retention indices

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<https://www.chemeo.com/cid/122-452-4/tert-Butyl-2-2-2-ethoxyethoxy-ethoxy-ethoxy-dimethylsilane.pdf>

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