

tert-Butyl-[2-(2-butoxyethoxy)ethoxy]dimethylsila

Other names:	2-(2-Butoxyethoxy)ethanol, tert-butyldimethylsilyl ether 2-(2-Butoxyethoxy)ethanol, tbdms derivative
Inchi:	InChI=1S/C14H32O3Si/c1-7-8-9-15-10-11-16-12-13-17-18(5,6)14(2,3)4/h7-13H2,1-6H3
InchiKey:	YSRJFBMPVTUOOO-UHFFFAOYSA-N
Formula:	C14H32O3Si
SMILES:	CCCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	276.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.00		Crippen Method
logp	3.841		Crippen Method
rinpola	1542.70		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352138&Units=SI

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/122-454-2/tert-Butyl-2-2-butoxyethoxy-ethoxy-dimethylsilane.pdf>

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