

tert-Butyl-[2-[2-(2-butoxyethoxy)ethoxy]ethoxy]dimethylsilyl ether

Other names:	2-[2-(2-Butoxyethoxy)ethoxy]ethanol, tert-butyldimethylsilyl ether Butoxytriglycol, tbdms derivative
Inchi:	InChI=1S/C16H36O4Si/c1-7-8-9-17-10-11-18-12-13-19-14-15-20-21(5,6)16(2,3)4/h7-15H
InchiKey:	NDJLHVVOMLJCCX-UHFFFAOYSA-N
Formula:	C16H36O4Si
SMILES:	CCCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	320.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.92		Crippen Method
logp	3.858		Crippen Method
rinpola	1812.40		NIST Webbook
rinpola	1812.40		NIST Webbook

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=U352141&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/125-013-8/tert-Butyl-2-2-2-butoxyethoxy-ethoxy-ethoxy-dimethylsilane.pdf>

Generated by Cheméo on 2024-05-02 11:18:13.71349717 +0000 UTC m=+16937942.634074492.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.