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

Other names: 2,2,3,3-Tetramethyl-4,7,10,13,16-pentaoxa-3-silaheptadecane
3,6,9,12-Tetraoxatetradecan-1-ol, tbdms derivative
Inchi: InChI=1S/C15H34O5Si/c1-15(2,3)21(5,6)20-14-13-19-12-11-18-10-9-17-8-7-16-4/h7-14H
InchiKey: XPQYUPANAFTRFH-UHFFFAOYSA-N
Formula: C15H34O5Si
SMILES: COCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 322.51

Physical Properties

Property code	Value	Unit	Source
log10ws	0.41		Crippen Method
logp	2.704		Crippen Method
rinpol	1853.40		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352096&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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