tert-Butyl-[2-[2-[2-(tert-butyldimethylsilyl)oxyetho

Other names:	4,7,10,13-Tetraoxa-3,14-disilahexadecane, 2,2,3,3,14,14,15,15-octamethyl-
	Triethylene glycol, bis(tert-butyldimethylmethyl)silyl ether
	Triethylene glycol, 2tbdms derivative
Inchi:	InChI=1S/C18H42O4Si2/c1-17(2,3)23(7,8)21-15-13-19-11-12-20-14-16-22-24(9,10)18(4,
InchiKey:	PRHMXCJJJAXWPE-UHFFFAOYSA-N
Formula:	C18H42O4Si2
SMILES:	CC(C)(C)[Si](C)(C)OCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	378.69

Physical Properties

Property code	Value	Unit	Source
log10ws	0.19		Crippen Method
logp	5.063		Crippen Method
rinpol	1937.30		NIST Webbook
rinpol	1937.30		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352086&Units=SI

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/20-232-1/tert-Butyl-2-2-2-tert-butyldimethylsilyl-oxyethoxy-ethoxy-ethoxy-dimethylsilane
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