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

Other names:	2,2,3,3-Tetramethyl-4,7,10,13,16,19,22,25-octaoxa-3-silahexacosane
	3,6,9,12,15,18,21-Heptaoxadocosan-1-ol, tbdms derivative
Inchi:	InChI=1S/C21H46O8Si/c1-21(2,3)30(5,6)29-20-19-28-18-17-27-16-15-26-14-13-25-12-1
InchiKey:	HHVRGNBRUOGTGD-UHFFFAOYSA-N
Formula:	C21H46O8Si
SMILES:	COCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	454.67

Physical Properties

Property code	Value	Unit	Source
log10ws	0.64		Crippen Method
logp	2.754		Crippen Method
rinpol	2669.10		NIST Webbook
rinpol	2669.10		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=U352097&Units=SI

Legend

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

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