tert-Butyl-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-methoxyetho

Other names:	2,2,3,3-Tetramethyl-4,7,10,13,16,19,22,25,28,31,34-undecaoxa-3-silapentatriacontane
	Decaethylene glycol, monomethyl ether, tbdms derivative
Inchi:	InChI=1S/C27H58O11Si/c1-27(2,3)39(5,6)38-26-25-37-24-23-36-22-21-35-20-19-34-18-
InchiKey:	ZSHJTYMHMHDFIM-UHFFFAOYSA-N
Formula:	C27H58O11Si
SMILES:	COCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	586.83

Physical Properties

Property code	Value	Unit	Source
log10ws	0.86		Crippen Method
logp	2.804		Crippen Method
rinpol	3475.50		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352120&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/25-860-9/tert-Butyl-2-2-2-2-2-2-2-2-2-2-methoxyethoxy-ethoxy-ethoxy-ethoxy-ethoxy-et
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