tert-Butyl-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-methoxyetl

Other names:	2,2,3,3-Tetramethyl-4,7,10,13,16,19,22,25,28,31,34,37-dodecaoxa-3-silaoctatriacontane
	Undecaethylene glycol monomethyl ether, tbdms derivative
Inchi:	InChI=1S/C29H62O12Si/c1-29(2,3)42(5,6)41-28-27-40-26-25-39-24-23-38-22-21-37-20-
InchiKey:	FDJJNKMVPFSOBQ-UHFFFAOYSA-N
Formula:	C29H62O12Si
SMILES:	COCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	630.88

Physical Properties

Property code	Value	Unit	Source
log10ws	0.94		Crippen Method
logp	2.821		Crippen Method
rinpol	3743.50		NIST Webbook
rinpol	3743.50		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=U352121&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/13-396-8/tert-Butyl-2-2-2-2-2-2-2-2-2-2-2-methoxyethoxy-ethoxy-ethoxy-ethoxy-ethoxy-
Generated by Cheméo on 2024-04-28 01:49:24.429152923 +0000 UTC m=+16558213.349730236.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.