tert-Butyl-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-methoxy

Other names:	2,2,3,3-Tetramethyl-4,7,10,13,16,19,22,25,28,31,34,37,40-tridecaoxa-3-silahentetraconta Dodecaethylene glycol monomethyl ether, tbdms derivative
Inchi:	InChI=1S/C31H66O13Si/c1-31(2,3)45(5,6)44-30-29-43-28-27-42-26-25-41-24-23-40-22-2
InchiKey:	WTMBFBUUMCRYDJ-UHFFFAOYSA-N
Formula:	C31H66O13Si
SMILES:	COCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	674.93

Physical Properties

Property code	Value	Unit	Source
log10ws	1.02		Crippen Method
logp	2.837		Crippen Method
rinpol	4018.60		NIST Webbook
rinpol	4018.60		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=U352100&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/24-127-4/tert-Butyl-2-2-2-2-2-2-2-2-2-2-2-2-methoxyethoxy-ethoxy-ethoxy-ethox
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