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

Other names:	2,2,3,3-Tetramethyl-4,7,10,13,16,19,22,25,28,31-decaoxa-3-siladotriacontane Methoxynonaethylene glycol, tbdms derivative
Inchi:	InChI=1S/C25H54O10Si/c1-25(2,3)36(5,6)35-24-23-34-22-21-33-20-19-32-18-17-31-16-
InchiKey:	JTUXOLADEOYALS-UHFFFAOYSA-N
Formula:	C25H54O10Si
SMILES:	COCCOCCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	542.78

Physical Properties

Property code	Value	Unit	Source
log10ws	0.79		Crippen Method
logp	2.787		Crippen Method
rinpol	3207.40		NIST Webbook
rinpol	3207.40		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352099&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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