tert-Butyl-[2-[2-[2-(2-butoxyethoxy)ethoxy]ethoxy]

Other names:	2-[2-[2-(2-Butoxyethoxy)ethoxy]ethoxy]ethanol, tert-butyldimethylsilyl ether 3,6,9,12-Tetraoxahexadecan-1-ol, tbdms derivative
Inchi:	InChI=1S/C18H40O5Si/c1-7-8-9-19-10-11-20-12-13-21-14-15-22-16-17-23-24(5,6)18(2,3
InchiKey:	IOAUFPDQVXXJCW-UHFFFAOYSA-N
Formula:	C18H40O5Si
SMILES:	CCCCOCCOCCOCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	364.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.84		Crippen Method
logp	3.875		Crippen Method
rinpol	2084.00		NIST Webbook
rinpol	2084.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352137&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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