2-(2-(2-(2-(2-(2-Butoxy-ethoxy)-ethoxy)-ethoxy)-et
TMS ether

Other names:	Hexaethylene glycol, butyl ether, TMS
Inchi:	InChI=1S/C19H42O7Si/c1-5-6-7-20-8-9-21-10-11-22-12-13-23-14-15-24-16-17-25-18-19
InchiKey:	ADRSJRQLCIWZSZ-UHFFFAOYSA-N
Formula:	C19H42O7Si
SMILES:	CCCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	410.62

Physical Properties

Property code	Value	Unit	Source
log10ws	0.56		Crippen Method
logp	2.738		Crippen Method
rinpol	2430.50		NIST Webbook
rinpol	2430.50		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R187930&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:
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