2-[2-(2-Pentoxyethoxy)ethoxy]ethyl TMS ether

Other names: Triethylene glycol, pentyl ether, TMS
Inchi: InChI=1S/C14H32O4Si/c1-5-6-7-8-15-9-10-16-11-12-17-13-14-18-19(2,3)4/h5-14H2,1-4H
InchiKey: KDZJBPCAUAITIK-UHFFFAOYSA-N
Formula: C14H32O4Si
SMILES: CCCCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]: 292.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.08		Crippen Method
logp	3.078		Crippen Method
rinpol	1710.90		NIST Webbook
rinpol	1710.90		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=R188666&Units=SI

Legend

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