2-(2-(2-Pentoxy-ethoxy)-ethoxy)-ethoxy)-ethyl TMS ether

Other names: Tetraethylene glycol, pentyl ether, TMS
Inchi: InChI=1S/C16H36O5Si/c1-5-6-7-8-17-9-10-18-11-12-19-13-14-20-15-16-21-22(2,3)4/h5-
InchiKey: JHGLQEIOUVSXGZ-UHFFFAOYSA-N
Formula: C16H36O5Si
SMILES: CCCCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]: 336.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.37e-03		Crippen Method
logp	3.095		Crippen Method
rinpol	1981.00		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=R188631&Units=SI

Legend

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