

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:	CCCCOCCOCCOCCOCCO[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/ci9903071
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

Latest version available from:

<https://www.chemeo.com/cid/68-950-2/2-2-2-Pentoxy-ethoxy-ethoxy-ethoxy-ethyl-TMS-ether.pdf>

Generated by Cheméo on 2024-05-06 21:42:21.840817788 +0000 UTC m=+17320990.761395101.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.