

2-[2-[2-[2-[2-(Trimethylsilyloxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]

Other names: 3,6,9,12,15-Pentaoxa-16-silaheptadecan-1-ol, 16,16-dimethyl-Pentaethylene glycol, monotrimethylsilyl ether
Pentaethylene glycol, tms derivative

Inchi: InChI=1S/C13H30O6Si/c1-20(2,3)19-13-12-18-11-10-17-9-8-16-7-6-15-5-4-14/h14H,4-13

InchiKey: ZVWSAWYBSAQOQH-UHFFFAOYSA-N

Formula: C13H30O6Si

SMILES: C[Si](C)(C)OCCOCCOCCOCCOCCO

Mol. weight [g/mol]: 310.46

Physical Properties

Property code	Value	Unit	Source
log10ws	1.98		Crippen Method
logp	0.897		Crippen Method
rinpol	1916.50		NIST Webbook
rinpol	1916.50		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352069&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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