

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

Other names: 3,6,9,12,15,18-Hexaoxa-19-silaeicosan-1-ol, 19,19-dimethyl-Hexaethylene glycol, monotrimethylsilyl ether
Hexaethylene glycol, tms derivative

Inchi: InChI=1S/C15H34O7Si/c1-23(2,3)22-15-14-21-13-12-20-11-10-19-9-8-18-7-6-17-5-4-16/

InchiKey: HAHXDTMOSVYPAQ-UHFFFAOYSA-N

Formula: C15H34O7Si

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

Mol. weight [g/mol]: 354.51

Physical Properties

Property code	Value	Unit	Source
log10ws	2.06		Crippen Method
logp	0.913		Crippen Method
rinpol	2188.50		NIST Webbook

Sources

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352068&Units=SI>

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

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/48-213-2/2-2-2-2-2-2-Trimethylsilyloxy-ethoxy-ethoxy-ethoxy-ethoxy-ethoxy-ethanol.pdf>

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