

2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy-trimethylsilane

Other names:	2,2-Dimethyl-3,6,9,12,15-pentaoxa-2-silahexadecane 3,6,9,12-Tetraoxatridecan-1-ol, tms derivative
Inchi:	InChI=1S/C12H28O5Si/c1-13-5-6-14-7-8-15-9-10-16-11-12-17-18(2,3)4/h5-12H2,1-4H3
InchiKey:	QKHDFRIVZBBBW-UHFFFAOYSA-N
Formula:	C12H28O5Si
SMILES:	COCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	280.43

Physical Properties

Property code	Value	Unit	Source
log10ws	1.67		Crippen Method
logp	1.534		Crippen Method
rinpol	1635.60		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=U352074&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/13-146-5/2-2-2-2-Methoxyethoxy-ethoxy-ethoxy-ethoxy-trimethylsilane.pdf>

Generated by Cheméo on 2024-04-23 08:36:12.675216414 +0000 UTC m=+16150621.595793737.

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