

# 2-(2-(2-(2-(2-Butoxy-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy-ethyl-TMS ether

Other names:	Pentaethylene glycol, butyl ether, TMS
Inchi:	InChI=1S/C17H38O6Si/c1-5-6-7-18-8-9-19-10-11-20-12-13-21-14-15-22-16-17-23-24(2,3)
InchiKey:	QHKJODGLIDFQIL-UHFFFAOYSA-N
Formula:	C17H38O6Si
SMILES:	CCCCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	366.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.49		Crippen Method
logp	2.721		Crippen Method
rinpol	2161.00		NIST Webbook
rinpol	2161.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R520748&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R520748&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## 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/113-894-4/2-2-2-2-2-Butoxy-ethoxy-ethoxy-ethoxy-ethyl-TMS-ether.pdf>

Generated by Cheméo on 2024-04-27 17:19:50.704928622 +0000 UTC m=+16527639.625505932.

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