

2-(2-decyloxy-ethoxy)-ethanol, TMS

Other names:	Diethylene glycol, decyl ether, TMS
Inchi:	InChI=1S/C17H38O3Si/c1-5-6-7-8-9-10-11-12-13-18-14-15-19-16-17-20-21(2,3)4/h5-17H
InchiKey:	HGJVXRSJUGMQIF-UHFFFAOYSA-N
Formula:	C17H38O3Si
SMILES:	CCCCCCCCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	318.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	5.012		Crippen Method
rinsol	1923.30		NIST Webbook
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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=R184397&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinsol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/117-780-6/2-2-decyloxy-ethoxy-ethanol-TMS.pdf>

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