

Diethylene glycol, pentyl ether, TMS

Other names:	2-(2-Pentoxyethoxy)ethyl TMS ether
Inchi:	InChI=1S/C12H28O3Si/c1-5-6-7-8-13-9-10-14-11-12-15-16(2,3)4/h5-12H2,1-4H3
InchiKey:	KYGSQLIXZCFYEE-UHFFFAOYSA-N
Formula:	C12H28O3Si
SMILES:	CCCCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	248.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.16		Crippen Method
logp	3.061		Crippen Method
rinpol	1437.20		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R188795&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/63-389-1/Diethylene-glycol-pentyl-ether-TMS.pdf>

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