

Tetraethylene glycol, butyl ether, TMS

Inchi: InChI=1S/C15H34O5Si/c1-5-6-7-16-8-9-17-10-11-18-12-13-19-14-15-20-21(2,3)4/h5-15H
InchiKey: CESRJVIEHKTMA-UHFFFAOYSA-N
Formula: C15H34O5Si
SMILES: CCCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]: 322.51

Physical Properties

Property code	Value	Unit	Source
log10ws	0.41		Crippen Method
logp	2.704		Crippen Method
rinpol	1885.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R269111&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/83-726-4/Tetraethylene-glycol-butyl-ether-TMS.pdf>

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