

Diethylene glycol methyl ether, bromomethyl dimethylsilyl ether

Inchi: InChI=1S/C8H19BrO3Si/c1-10-4-5-11-6-7-12-13(2,3)8-9/h4-8H2,1-3H3
InchiKey: OXWLPBKZCBHWIE-UHFFFAOYSA-N
Formula: C8H19BrO3Si
SMILES: COCCOCCO[Si](C)(C)CBr
Mol. weight [g/mol]: 271.22

Physical Properties

Property code	Value	Unit	Source
log10ws	1.00		Crippen Method
logp	1.805		Crippen Method
rinpol	1411.00		NIST Webbook
rinpol	1411.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375903&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/49-010-6/Diethylene-glycol-methyl-ether-bromomethyldimethylsilyl-ether.pdf>

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