

Ethylene glycol butyl ether, trimethylsilyl ether

Other names: 2-Butoxyethyl TMS ether
2-Butoxyethanol, TMS
2-Butoxyethoxy-trimethylsilane

Inchi: InChI=1S/C9H22O2Si/c1-5-6-7-10-8-9-11-12(2,3)4/h5-9H2,1-4H3

InchiKey: YGKFDLATDGYWCC-UHFFFAOYSA-N

Formula: C9H22O2Si

SMILES: CCCCOCCO[Si](C)(C)C

Mol. weight [g/mol]: 190.36

Physical Properties

Property code	Value	Unit	Source
log10ws	0.18		Crippen Method
logp	2.655		Crippen Method
rinpol	1068.10		NIST Webbook
rinpol	1064.90		NIST Webbook
rinpol	1064.80		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333094&Units=SI>

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/11-428-4/Ethylene-glycol-butyl-ether-trimethylsilyl-ether.pdf>

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