

Glycerol, 1-tert-butyl 3-trimethylsilyl ether

Inchi: InChI=1S/C10H24O3Si/c1-10(2,3)12-7-9(11)8-13-14(4,5)6/h9,11H,7-8H2,1-6H3
InchiKey: RZEGTQRVMXMAGB-UHFFFAOYSA-N
Formula: C10H24O3Si
SMILES: CC(C)(C)OCC(O)CO[Si](C)(C)C
Mol. weight [g/mol]: 220.38

Physical Properties

Property code	Value	Unit	Source
log10ws	0.28		Crippen Method
logp	2.014		Crippen Method
rinpol	1193.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U381759&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/93-299-8/Glycerol-1-tert-butyl-3-trimethylsilyl-ether.pdf>

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