

3-Methyl-1-butanol, tert-butyldimethylsilyl ether

Other names:	tert-Butyl(dimethyl)(3-methylbutoxy)silane Isoamyl alcohol, tbdms derivative
Inchi:	InChI=1S/C11H26OSi/c1-10(2)8-9-12-13(6,7)11(3,4)5/h10H,8-9H2,1-7H3
InchiKey:	SMLZYQVMHPEFDA-UHFFFAOYSA-N
Formula:	C11H26OSi
SMILES:	CC(C)CCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	202.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.32		Crippen Method
logp	4.054		Crippen Method
rinpol	1062.10		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333096&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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