

2-Butanol, tert-butyldimethylsilyl ether

Other names:	2-Butanol, tbdms derivative
Inchi:	InChI=1S/C10H24OSi/c1-8-9(2)11-12(6,7)10(3,4)5/h9H,8H2,1-7H3
InchiKey:	UADDGOJAUOWRBQ-UHFFFAOYSA-N
Formula:	C10H24OSi
SMILES:	CCC(C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	188.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.26		Crippen Method
logp	3.807		Crippen Method
rinpol	963.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333045&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

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/76-991-8/2-Butanol-tert-butyldimethylsilyl-ether.pdf>

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