

2-Ethyl-1-butanol, tert-butyldimethylsilyl ether

Other names:	2-Ethyl-1-butanol, tbdms derivative
Inchi:	InChI=1S/C12H28OSi/c1-8-11(9-2)10-13-14(6,7)12(3,4)5/h11H,8-10H2,1-7H3
InchiKey:	POQSHOGIQDMAMZ-UHFFFAOYSA-N
Formula:	C12H28OSi
SMILES:	CCC(CC)CO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	216.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.74		Crippen Method
logp	4.444		Crippen Method
rinpola	1147.50		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333312&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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