

2-Methyl-1-pentanol, tert-butyldimethylsilyl ether

Other names:	2-Methyl-1-pentanol, tbdms derivative
Inchi:	InChI=1S/C12H28OSi/c1-8-9-11(2)10-13-14(6,7)12(3,4)5/h11H,8-10H2,1-7H3
InchiKey:	GSODTUHABDTPBR-UHFFFAOYSA-N
Formula:	C12H28OSi
SMILES:	CCCC(C)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
rinsol	1141.20		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333303&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/83-545-5/2-Methyl-1-pentanol-tert-butyldimethylsilyl-ether.pdf>

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