

# 2-Methyl-3-pentanol, tert-butyldimethylsilyl ether

Other names:	2-Methyl-3-pentanol, tbdms derivative
Inchi:	InChI=1S/C12H28OSi/c1-9-11(10(2)3)13-14(7,8)12(4,5)6/h10-11H,9H2,1-8H3
InchiKey:	FOWZKWCWZPIJDV-UHFFFAOYSA-N
Formula:	C12H28OSi
SMILES:	CCC(O[Si](C)(C)C(C)(C)C)C(C)C
Mol. weight [g/mol]:	216.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	4.443		Crippen Method
rinpol	1133.00		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333316&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333316&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

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