

# 2,2-Dimethyl-3-pentanol, benzyldimethylsilyl ether

Inchi:	InChI=1S/C16H28OSi/c1-7-15(16(2,3)4)17-18(5,6)13-14-11-9-8-10-12-14/h8-12,15H,7,1
InchiKey:	ZAMPIYXBNXZYIS-UHFFFAOYSA-N
Formula:	C16H28OSi
SMILES:	CCC(O[Si](C)(C)Cc1ccccc1)C(C)(C)C
Mol. weight [g/mol]:	264.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	4.815		Crippen Method
rinpol	1604.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U376050&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U376050&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

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

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