

# 4,4-Dimethyl-2-pentanol, benzyldimethylsilyl ether

Inchi:	InChI=1S/C16H28OSi/c1-14(12-16(2,3)4)17-18(5,6)13-15-10-8-7-9-11-15/h7-11,14H,12-
InchiKey:	OAPBJXRQIXOSBH-UHFFFAOYSA-N
Formula:	C16H28OSi
SMILES:	CC(CC(C)(C)C)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]:	264.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	4.815		Crippen Method
rinpol	1579.00		NIST Webbook
rinpol	1579.00		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=U376053&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U376053&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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