

# 1-Pentanol, 2,4-dimethyl, TMS

<b>Inchi:</b>	InChI=1S/C10H24OSi/c1-9(2)7-10(3)8-11-12(4,5)6/h9-10H,7-8H2,1-6H3
<b>InchiKey:</b>	NRWBDVNLVCOSRW-UHFFFAOYSA-N
<b>Formula:</b>	C10H24OSi
<b>SMILES:</b>	CC(C)CC(C)CO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	188.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.66		Crippen Method
logp	3.520		Crippen Method
rinpol	990.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R119383&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R119383&amp;Units=SI</a>

## Legend

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

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