

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

<b>Inchi:</b>	InChI=1S/C10H24OSi/c1-7-8-10(2,3)9-11-12(4,5)6/h7-9H2,1-6H3
<b>InchiKey:</b>	ZNVVCSUHLXRTAB-UHFFFAOYSA-N
<b>Formula:</b>	C10H24OSi
<b>SMILES:</b>	CCCC(C)(C)CO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	188.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.90		Crippen Method
logp	3.664		Crippen Method
rinpol	970.00		NIST Webbook
rinpol	970.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R119378&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R119378&amp;Units=SI</a>
<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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</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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<https://www.cheméo.com/cid/14-596-5/1-Pentanol-2-2-dimethyl-TMS.pdf>

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