

# Silane, dimethylhexyloxybutoxy-

<b>Other names:</b>	Hexyloxybutyloxydimethylsilane
<b>Inchi:</b>	InChI=1S/C12H28O2Si/c1-5-7-9-10-12-14-15(3,4)13-11-8-6-2/h5-12H2,1-4H3
<b>InchiKey:</b>	CWVLQFZRVDQNBH-UHFFFAOYSA-N
<b>Formula:</b>	C12H28O2Si
<b>SMILES:</b>	CCCCCO[Si](C)(C)OCCCC
<b>Mol. weight [g/mol]:</b>	232.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.65		Crippen Method
logp	4.102		Crippen Method
rinpola	1210.00		NIST Webbook
rinpola	1288.00		NIST Webbook
rinpola	1210.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U346904&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U346904&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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>rinpola:</b>	Non-polar retention indices

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<https://www.chemeo.com/cid/68-004-2/Silane-dimethylhexyloxybutoxy.pdf>

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