

# Silane, dimethyl(2-methylpent-3-yloxy)isobutoxy-

<b>Inchi:</b>	InChI=1S/C12H28O2Si/c1-8-12(11(4)5)14-15(6,7)13-9-10(2)3/h10-12H,8-9H2,1-7H3
<b>InchiKey:</b>	UKISEBVSOHYCIB-UHFFFAOYSA-N
<b>Formula:</b>	C12H28O2Si
<b>SMILES:</b>	CCC(O[Si](C)(C)OCC(C)C)C(C)C
<b>Mol. weight [g/mol]:</b>	232.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.28		Crippen Method
logp	3.812		Crippen Method
rinpol	1148.00		NIST Webbook
rinpol	1148.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347648&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347648&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.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

Latest version available from:

<https://www.cheméo.com/cid/91-175-7/Silane-dimethyl-2-methylpent-3-yloxy-isobutoxy.pdf>

Generated by Cheméo on 2024-05-06 14:48:22.96993242 +0000 UTC m=+17296151.890509731.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.