

# Silane, dimethyl(4-methylpent-2-yloxy)butoxy-

**Inchi:** InChI=1S/C12H28O2Si/c1-7-8-9-13-15(5,6)14-12(4)10-11(2)3/h11-12H,7-10H2,1-6H3  
**InchiKey:** RCDRJGMWTKNWHB-UHFFFAOYSA-N  
**Formula:** C12H28O2Si  
**SMILES:** CCCCC[Si](C)(C)OC(C)CC(C)C  
**Mol. weight [g/mol]:** 232.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.52		Crippen Method
logp	3.956		Crippen Method
rinpol	1169.00		NIST Webbook
rinpol	1169.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347596&Units=SI>

## Legend

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

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