

# Silane, ethyl dimethyl propyl

**Inchi:** InChI=1S/C7H18Si/c1-5-7-8(3,4)6-2/h5-7H2,1-4H3  
**InchiKey:** XXIWWPOQWKSAMP-UHFFFAOYSA-N  
**Formula:** C7H18Si  
**SMILES:** CCC[Si](C)(C)CC  
**Mol. weight [g/mol]:** 130.30

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.22		Crippen Method
logp	3.125		Crippen Method
rinpol	759.00		NIST Webbook
rinpol	759.00		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=R579725&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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<https://www.chemeo.com/cid/44-978-8/Silane-ethyl-dimethyl-propyl.pdf>

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