

# Allyldiethoxymethylsilane

**Inchi:** InChI=1S/C8H18O2Si/c1-5-8-11(4,9-6-2)10-7-3/h5H,1,6-8H2,2-4H3  
**InchiKey:** VKJWRHASAVFGPS-UHFFFAOYSA-N  
**Formula:** C8H18O2Si  
**SMILES:** C=CC[Si](C)(OCC)OCC  
**Mol. weight [g/mol]:** 174.31  
**CAS:** 18388-45-9

## Physical Properties

| Property code | Value | Unit | Source         |
|---------------|-------|------|----------------|
| log10ws       | 0.17  |      | Crippen Method |
| logp          | 2.317 |      | Crippen Method |

## Sources

**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=C18388459&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient

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<https://www.chemeo.com/cid/32-953-8/Allyldiethoxymethylsilane.pdf>

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