

# Aucubin, hexakis(trimethylsilyl) ether

**Inchi:** InChI=1S/C33H70O9Si6/c1-43(2,3)35-22-24-21-26(39-45(7,8)9)25-19-20-34-32(28(24)29)31-33-30-36-37-38  
**InchiKey:** IWQPICOYRSHFQS-UHFFFAOYSA-N  
**Formula:** C<sub>33</sub>H<sub>70</sub>O<sub>9</sub>Si<sub>6</sub>  
**SMILES:** C[Si](C)(C)OCC1=CC(O[Si](C)(C)C)C2C=COC(OC3OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C3)C1  
**Mol. weight [g/mol]:** 779.42

## Physical Properties

Property code	Value	Unit	Source
log10ws	5.10		Crippen Method
logp	8.354		Crippen Method
rinpol	2768.90		NIST Webbook
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## 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=U380085&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/52-660-1/Aucubin-hexakis-trimethylsilyl-ether.pdf>

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