

# Silane, diethyldi(3,4-dimethylphenoxy)-

**Inchi:** InChI=1S/C20H28O2Si/c1-7-23(8-2,21-19-11-9-15(3)17(5)13-19)22-20-12-10-16(4)18(6)  
**InchiKey:** VQXWDXARJLGFKQ-UHFFFAOYSA-N  
**Formula:** C20H28O2Si  
**SMILES:** CC[Si](CC)(Oc1ccc(C)c(C)c1)Oc1ccc(C)c(C)c1  
**Mol. weight [g/mol]:** 328.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.73		Crippen Method
logp	5.860		Crippen Method
rinpol	2210.00		NIST Webbook
rinpol	2210.00		NIST Webbook

## 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=U363205&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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/42-389-4/Silane-diethyldi-3-4-dimethylphenoxy.pdf>

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