

# 1-Dimethyldodecylsilyloxy-3-methylbenzene

**Inchi:** InChI=1S/C21H38OSi/c1-5-6-7-8-9-10-11-12-13-14-18-23(3,4)22-21-17-15-16-20(2)19-2  
**InchiKey:** DUIKANKXLFSEFQ-UHFFFAOYSA-N  
**Formula:** C21H38OSi  
**SMILES:** CCCCCCCCCC[Si](C)(C)Oc1cccc(C)c1  
**Mol. weight [g/mol]:** 334.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.56		Crippen Method
logp	7.500		Crippen Method
rinsol	2187.00		NIST Webbook
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## 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=U307896&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

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