

# Dodecanoic acid, benzyldimethylsilyl ester

**Inchi:** InChI=1S/C21H36O2Si/c1-4-5-6-7-8-9-10-11-15-18-21(22)23-24(2,3)19-20-16-13-12-14-  
**InchiKey:** DLRNWJPDOPNOX-UHFFFAOYSA-N  
**Formula:** C<sub>21</sub>H<sub>36</sub>O<sub>2</sub>Si  
**SMILES:** CCCCCCCCCC(=O)O[Si](C)(C)Cc1ccccc1  
**Mol. weight [g/mol]:** 348.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.72		Crippen Method
logp	6.438		Crippen Method
rinpol	2292.00		NIST Webbook
rinpol	2292.00		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=U375512&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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