

# 10-Undecynoic acid, benzyldimethylsilyl ester

**Inchi:** InChI=1S/C20H30O2Si/c1-4-5-6-7-8-9-10-14-17-20(21)22-23(2,3)18-19-15-12-11-13-16-  
**InchiKey:** NCDSEQDWWIZGTD-UHFFFAOYSA-N  
**Formula:** C20H30O2Si  
**SMILES:** C#CCCCCCCCC(=O)O[Si](C)(C)Cc1ccccc1  
**Mol. weight [g/mol]:** 330.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.09		Crippen Method
logp	5.271		Crippen Method
rinpol	2216.00		NIST Webbook
rinpol	2216.00		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=U375696&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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