

# Silane, diethyloctyloxy(1-phenylpropoxy)-

**Inchi:** InChI=1S/C21H38O2Si/c1-5-9-10-11-12-16-19-22-24(7-3,8-4)23-21(6-2)20-17-14-13-15-  
**InchiKey:** FOVCSVCRPSGONL-UHFFFAOYSA-N  
**Formula:** C21H38O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OC(CC)c1ccccc1  
**Mol. weight [g/mol]:** 350.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.98		Crippen Method
logp	7.013		Crippen Method
rinpol	2070.00		NIST Webbook
rinpol	2070.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363269&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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