

# Silane, diphenylbutoxytetrahydrofurfuryloxy-

**Inchi:** InChI=1S/C21H28O3Si/c1-2-3-17-23-25(20-12-6-4-7-13-20,21-14-8-5-9-15-21)24-18-19-  
**InchiKey:** LXDFNLCCJSWEMO-UHFFFAOYSA-N  
**Formula:** C21H28O3Si  
**SMILES:** CCCCCO[Si](OCC1CCCO1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 356.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.68		Crippen Method
logp	3.255		Crippen Method
rinpol	2344.00		NIST Webbook
rinpol	2344.00		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=U367707&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/55-423-1/Silane-diphenylbutoxytetrahydrofurfuryloxy.pdf>

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