

# Silane, diphenyldi(but-3-en-1-yloxy)-

**Inchi:** InChI=1S/C20H24O2Si/c1-3-5-17-21-23(22-18-6-4-2,19-13-9-7-10-14-19)20-15-11-8-12-  
**InchiKey:** ZNXQEKFHWZJRC-UHFFFAOYSA-N  
**Formula:** C20H24O2Si  
**SMILES:** C=CCCO[Si](OCCC=C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 324.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.87		Crippen Method
logp	3.428		Crippen Method
rinpol	2037.00		NIST Webbook
rinpol	2037.00		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=U367849&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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<https://www.chemeo.com/cid/68-841-3/Silane-diphenyldi-but-3-en-1-yloxy.pdf>

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