

# Silane, diphenylethoxy(hex-3-yloxy)-

**Inchi:** InChI=1S/C20H28O2Si/c1-4-13-18(5-2)22-23(21-6-3,19-14-9-7-10-15-19)20-16-11-8-12-  
**InchiKey:** NMDRXUUBFISSKU-UHFFFAOYSA-N  
**Formula:** C20H28O2Si  
**SMILES:** CCCC(CC)O[Si](OCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 328.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.28		Crippen Method
logp	3.875		Crippen Method
rinpol	1964.00		NIST Webbook
rinpol	1964.00		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=U367606&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/40-513-7/Silane-diphenylethoxy-hex-3-yloxy.pdf>

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