

# Silane, diethylheptyloxy(3-phenoxybenzyloxy)-

**Inchi:** InChI=1S/C24H36O3Si/c1-4-7-8-9-13-19-25-28(5-2,6-3)26-21-22-15-14-18-24(20-22)27-  
**InchiKey:** ROIBQSFBXOGUAK-UHFFFAOYSA-N  
**Formula:** C24H36O3Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OCc1cccc(Oc2ccccc2)c1  
**Mol. weight [g/mol]:** 400.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.40		Crippen Method
logp	7.464		Crippen Method
rinpol	2615.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363304&Units=SI>  
**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)

## Legend

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

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