

# Silane, diphenyl(3-methylpentyloxy)pentyloxy-

**Inchi:** InChI=1S/C23H34O2Si/c1-4-6-13-19-24-26(22-14-9-7-10-15-22,23-16-11-8-12-17-23)25  
**InchiKey:** VXWJPCNWINVFLO-UHFFFAOYSA-N  
**Formula:** C23H34O2Si  
**SMILES:** CCCCCO[Si](OCCC(C)CC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 370.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.18		Crippen Method
logp	4.903		Crippen Method
rinpol	2276.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367782&Units=SI>

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/14-188-8/Silane-diphenyl-3-methylpentyloxy-pentyloxy.pdf>

Generated by Cheméo on 2024-04-25 14:46:17.191871727 +0000 UTC m=+16345626.112449038.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.