

# Silane, diphenyl(2-methoxyethoxy)pentyl-oxo-

**Inchi:** InChI=1S/C20H28O3Si/c1-3-4-11-16-22-24(23-18-17-21-2,19-12-7-5-8-13-19)20-14-9-6-  
**InchiKey:** QAPLBLOQKDCVKI-UHFFFAOYSA-N  
**Formula:** C20H28O3Si  
**SMILES:** CCCCCO[Si](OCCOC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 344.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.25		Crippen Method
logp	3.113		Crippen Method
rinpol	2168.00		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=U367724&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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