

# Silane, diethylheptyloxy(1-phenylpropoxy)-

**Inchi:** InChI=1S/C20H36O2Si/c1-5-9-10-11-15-18-21-23(7-3,8-4)22-20(6-2)19-16-13-12-14-17-  
**InchiKey:** HJGPRFIKEVZTRA-UHFFFAOYSA-N  
**Formula:** C20H36O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OC(CC)c1ccccc1  
**Mol. weight [g/mol]:** 336.58

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -4.56   |      | Crippen Method |
| logp          | 6.623   |      | Crippen Method |
| rinpol        | 1976.00 |      | NIST Webbook   |

## Sources

**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=U363268&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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