

# Silane, diethyl(pentafluorobenzyloxy)undecyloxy-

**Inchi:** InChI=1S/C22H35F5O2Si/c1-4-7-8-9-10-11-12-13-14-15-28-30(5-2,6-3)29-16-17-18(23)2  
**InchiKey:** UXZBDCDHUORYHG-UHFFFAOYSA-N  
**Formula:** C22H35F5O2Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)OCc1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 454.59

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -7.10   |      | Crippen Method |
| logp          | 7.928   |      | Crippen Method |
| rinpol        | 2187.00 |      | NIST Webbook   |
| rinpol        | 2187.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363226&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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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<https://www.chemeo.com/cid/117-275-7/Silane-diethyl-pentafluorobenzyloxy-undecyloxy.pdf>

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