

# Silane, diethyldecyloxy(2-ethylhexyloxy)-

**Inchi:** InChI=1S/C22H48O2Si/c1-6-11-13-14-15-16-17-18-20-23-25(9-4,10-5)24-21-22(8-3)19-1  
**InchiKey:** QSURCIXGXCYVRM-UHFFFAOYSA-N  
**Formula:** C22H48O2Si  
**SMILES:** CCCCCCCCCO[Si](CC)(CC)OCC(CC)CCCC  
**Mol. weight [g/mol]:** 372.70

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -5.60   |      | Crippen Method |
| logp          | 7.859   |      | Crippen Method |
| rinpol        | 2121.00 |      | NIST Webbook   |
| rinpol        | 2121.00 |      | 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=U363052&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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