

# Silane, diethylhexadecyloxy(1-naphthoxy)-

**Inchi:** InChI=1S/C30H50O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-21-27-31-33(5-2,6-3)32-  
**InchiKey:** NPSKXQJMFBNPU-UHFFFAOYSA-N  
**Formula:** C30H50O2Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc2ccccc12  
**Mol. weight [g/mol]:** 470.80

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -9.07   |      | Crippen Method |
| logp          | 10.198  |      | Crippen Method |
| rinpol        | 3269.00 |      | NIST Webbook   |

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363809&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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