

# Silane, diethyl(1-naphthoxy)pentyl-oxo-

**Inchi:** InChI=1S/C19H28O2Si/c1-4-7-10-16-20-22(5-2,6-3)21-19-15-11-13-17-12-8-9-14-18(17)  
**InchiKey:** CQKATIBRTSWOEA-UHFFFAOYSA-N  
**Formula:** C19H28O2Si  
**SMILES:** CCCCCO[Si](CC)(CC)Oc1cccc2ccccc12  
**Mol. weight [g/mol]:** 316.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.46		Crippen Method
logp	5.907		Crippen Method
rinpol	2145.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363797&Units=SI>  
**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)

## Legend

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

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