

# Silane, dimethyl(pentafluorobenzyloxy)docosyloxy-

**Inchi:** InChI=1S/C31H53F5O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24  
**InchiKey:** JQGVZCMTLRLGQS-UHFFFAOYSA-N  
**Formula:** C31H53F5O2Si  
**SMILES:** CCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 580.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.86		Crippen Method
logp	11.439		Crippen Method
rinpol	3081.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347274&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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

Latest version available from:

<https://www.chemeo.com/cid/55-204-4/Silane-dimethyl-pentafluorobenzyloxy-docosyloxy.pdf>

Generated by Cheméo on 2024-04-19 21:37:33.601348103 +0000 UTC m=+15851902.521925415.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.