

# Silane, dimethyl(2,3,6-trichlorophenoxy)octadecyloxy-

**Inchi:** InChI=1S/C26H45Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-22-30-32(2,3)  
**InchiKey:** XGPMOAXCYCWZHU-UHFFFAOYSA-N  
**Formula:** C26H45Cl3O2Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1c(Cl)ccc(Cl)c1Cl  
**Mol. weight [g/mol]:** 524.08

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.32		Crippen Method
logp	11.005		Crippen Method
rinpol	3286.00		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=U347514&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

Latest version available from:

<https://www.chemeo.com/cid/64-648-2/Silane-dimethyl-2-3-6-trichlorophenoxy-octadecyloxy.pdf>

Generated by Cheméo on 2024-04-25 21:12:06.872002835 +0000 UTC m=+16368775.792580147.

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