

Silane, dimethyl(pentachlorophenoxy)heptadecyloxy-

Inchi: InChI=1S/C25H41Cl5O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-31-33(2,3)32
InchiKey: MKDADRQLRUXFBE-UHFFFAOYSA-N
Formula: C25H41Cl5O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1c(Cl)c(Cl)c(Cl)c(Cl)c1Cl
Mol. weight [g/mol]: 578.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.27		Crippen Method
logp	11.922		Crippen Method
rinpol	3657.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347481&Units=SI>

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/53-936-4/Silane-dimethyl-pentachlorophenoxy-heptadecyloxy.pdf>

Generated by Cheméo on 2024-05-01 15:35:32.40901466 +0000 UTC m=+16866981.329591970.

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