

Silane, dimethyl(3,4,5-trichlorophenoxy)heptadecyloxy-

Inchi: InChI=1S/C25H43Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-29-31(2,3)30-
InchiKey: XNZWVUCXRYHLMO-UHFFFAOYSA-N
Formula: C25H43Cl3O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1
Mol. weight [g/mol]: 510.05

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.90		Crippen Method
logp	10.615		Crippen Method
rinpol	3158.00		NIST Webbook
rinpol	3158.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347457&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/37-332-2/Silane-dimethyl-3-4-5-trichlorophenoxy-heptadecyloxy.pdf>

Generated by Cheméo on 2024-04-24 10:44:15.484544861 +0000 UTC m=+16244704.405122182.

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