

Silane, dimethyl(2,3,5,6-tetrachlorophenoxy)dodecyloxy-

Inchi: InChI=1S/C20H32Cl4O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-25-27(2,3)26-20-18(23)16(21)
InchiKey: VSBFXIVZMHFRJI-UHFFFAOYSA-N
Formula: C20H32Cl4O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1c(Cl)c(Cl)cc(Cl)c1Cl
Mol. weight [g/mol]: 474.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.49		Crippen Method
logp	9.318		Crippen Method
rinpol	2778.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347536&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/72-693-3/Silane-dimethyl-2-3-5-6-tetrachlorophenoxy-dodecyloxy.pdf>

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