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

Inchi: InChI=1S/C15H22Cl4O2Si/c1-4-5-6-7-8-9-20-22(2,3)21-15-13(18)11(16)10-12(17)14(15)19

InchiKey: HKUOMLDXMJRITE-UHFFFAOYSA-N

Formula: C15H22Cl4O2Si

SMILES: CCCCCCCO[Si](C)(C)Oc1c(Cl)c(Cl)cc(Cl)c1Cl

Mol. weight [g/mol]: 404.23

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.40		Crippen Method
logp	7.368		Crippen Method
rinpol	2259.00		NIST Webbook
rinpol	2259.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347532&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