

Silane, diethyloctyloxy(pentachlorophenoxy)-

Inchi: InChI=1S/C18H27Cl5O2Si/c1-4-7-8-9-10-11-12-24-26(5-2,6-3)25-18-16(22)14(20)13(19)
InchiKey: APHFLEPOEJQLAO-UHFFFAOYSA-N
Formula: C18H27Cl5O2Si
SMILES: CCCCCCO[Si](CC)(CC)Oc1c(Cl)c(Cl)c(Cl)c(Cl)c1Cl
Mol. weight [g/mol]: 480.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.34		Crippen Method
logp	9.191		Crippen Method
rinsol	2737.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363390&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/119-067-6/Silane-diethyloctyloxy-pentachlorophenoxy.pdf>

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