

Silane, chlorodiphenyl(4-heptyloxy)-

Inchi: InChI=1S/C19H25ClOSi/c1-3-11-17(12-4-2)21-22(20,18-13-7-5-8-14-18)19-15-9-6-10-16
InchiKey: YQBKGFHQGPZDNH-UHFFFAOYSA-N
Formula: C19H25ClOSi
SMILES: CCCC(CCC)O[Si](Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 332.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.92		Crippen Method
logp	4.467		Crippen Method
rinpol	2077.00		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=U367513&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/26-280-2/Silane-chlorodiphenyl-4-heptyloxy.pdf>

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