

Silane, diphenyl(2,2,3,3,3-pentafluoropropoxy)propoxy-

Inchi: InChI=1S/C18H19F5O2Si/c1-2-13-24-26(15-9-5-3-6-10-15,16-11-7-4-8-12-16)25-14-17(
InchiKey: RHNTZONSBUCJO-UHFFFAOYSA-N
Formula: C18H19F5O2Si
SMILES: CCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 390.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.30		Crippen Method
logp	3.884		Crippen Method
rinpol	1681.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368116&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/16-727-7/Silane-diphenyl-2-2-3-3-3-pentafluoropropoxy-propoxy.pdf>

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