

Silane, diphenyl(2,2,3,4,4,4-hexafluorobutoxy)pentyl-oxo-

Inchi: InChI=1S/C21H24F6O2Si/c1-2-3-10-15-28-30(17-11-6-4-7-12-17,18-13-8-5-9-14-18)29-
InchiKey: VPBIPHZWWSOQLS-UHFFFAOYSA-N
Formula: C21H24F6O2Si
SMILES: CCCCCO[Si](OCC(F)(F)C(F)C(F)(F)F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 450.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.53		Crippen Method
logp	5.002		Crippen Method
rinpol	1937.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368168&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
rinpol: Non-polar retention indices

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