

Silane, diphenyl(2,2,3,4,4,4-hexafluorobutoxy)hexyloxy-

Inchi: InChI=1S/C22H26F6O2Si/c1-2-3-4-11-16-29-31(18-12-7-5-8-13-18,19-14-9-6-10-15-19)3
InchiKey: CESYDDPIEONMDL-UHFFFAOYSA-N
Formula: C22H26F6O2Si
SMILES: CCCCCCO[Si](OCC(F)(F)C(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 464.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.94		Crippen Method
logp	5.392		Crippen Method
rinpol	2027.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368170&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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