

Silane, diphenylhexyloxy(2,2,3,3,3-pentafluoropropoxy)-

Inchi: InChI=1S/C21H25F5O2Si/c1-2-3-4-11-16-27-29(18-12-7-5-8-13-18,19-14-9-6-10-15-19)2
InchiKey: PTGPSULKQBQMHB-UHFFFAOYSA-N
Formula: C21H25F5O2Si
SMILES: CCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 432.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.56		Crippen Method
logp	5.054		Crippen Method
rinpol	1932.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368121&Units=SI>

Legend

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

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