

Silane, diphenyl(2,2,3,3,3-pentafluoropropoxy)pentyl-oxo-

Inchi: InChI=1S/C20H23F5O2Si/c1-2-3-10-15-26-28(17-11-6-4-7-12-17,18-13-8-5-9-14-18)27-
InchiKey: CQGKXJFWLTYQMJ-UHFFFAOYSA-N
Formula: C20H23F5O2Si
SMILES: CCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 418.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.14		Crippen Method
logp	4.664		Crippen Method
rinpol	1846.00		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=U368119&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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