

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

Inchi: InChI=1S/C19H21F5O2Si/c1-15(2)13-25-27(16-9-5-3-6-10-16,17-11-7-4-8-12-17)26-14-
InchiKey: FKEJIIBGOAKQOO-UHFFFAOYSA-N
Formula: C19H21F5O2Si
SMILES: CC(C)CO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 404.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.48		Crippen Method
logp	4.130		Crippen Method
rinpol	1713.00		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=U368117&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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<https://www.cheméo.com/cid/36-055-1/Silane-diphenylisobutoxy-2-2-3-3-3-pentafluoropropoxy.pdf>

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