

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

Inchi: InChI=1S/C25H32F6O2Si/c1-2-3-4-5-6-7-14-19-32-34(21-15-10-8-11-16-21,22-17-12-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25)/1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25
InchiKey: IPHDTVGNCWTHGC-UHFFFAOYSA-N
Formula: C25H32F6O2Si
SMILES: CCCCCCCCCO[Si](OCC(F)(F)C(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 506.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.20		Crippen Method
logp	6.562		Crippen Method
rinpol	2302.00		NIST Webbook
rinpol	2302.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368173&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.chemeo.com/cid/26-356-8/Silane-diphenyl-2-2-3-4-4-4-hexafluorobutoxy-nonyloxy.pdf>

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