

Silane, diphenyldi(2,2,3,4,4,4-hexafluorobutoxy)-

Inchi: InChI=1S/C20H16F12O2Si/c21-15(19(27,28)29)17(23,24)11-33-35(13-7-3-1-4-8-13,14-9
InchiKey: FVLWAUICBHAREZ-UHFFFAOYSA-N
Formula: C20H16F12O2Si
SMILES: FC(C(F)(F)F)C(F)(F)CO[Si](OCC(F)(F)C(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 544.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.05		Crippen Method
logp	5.348		Crippen Method
rinpol	1706.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368177&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

Latest version available from:

<https://www.cheméo.com/cid/12-901-7/Silane-diphenyldi-2-2-3-4-4-4-hexafluorobutoxy.pdf>

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