

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

Inchi: InChI=1S/C18H14F10O2Si/c19-15(20,17(23,24)25)11-29-31(13-7-3-1-4-8-13,14-9-5-2-6-10)21-22
InchiKey: ZLOCIYGBMJINON-UHFFFAOYSA-N
Formula: C18H14F10O2Si
SMILES: FC(F)(F)C(F)(F)CO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 480.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.28		Crippen Method
logp	4.671		Crippen Method
rinpol	1507.00		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=U368132&Units=SI>

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.chemeo.com/cid/15-192-2/Silane-diphenyldi-2-2-3-3-3-pentafluoropropoxy.pdf>

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