

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

Inchi: InChI=1S/C20H22F6O2Si/c1-2-3-14-27-29(16-10-6-4-7-11-16,17-12-8-5-9-13-17)28-15-
InchiKey: WIRNSEDJYJKHAA-UHFFFAOYSA-N
Formula: C20H22F6O2Si
SMILES: CCCCCO[Si](OCC(F)(F)C(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 436.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.11		Crippen Method
logp	4.612		Crippen Method
rinpol	1855.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368167&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/16-981-5/Silane-diphenylbutoxy-2-2-3-4-4-4-hexafluorobutoxy.pdf>

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