

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

Inchi: InChI=1S/C19H20F6O2Si/c1-2-13-26-28(15-9-5-3-6-10-15,16-11-7-4-8-12-16)27-14-18(20-19)17-18
InchiKey: NEFDXNYPZRDRCN-UHFFFAOYSA-N
Formula: C19H20F6O2Si
SMILES: CCCO[Si](OCC(F)(F)C(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 422.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.69		Crippen Method
logp	4.222		Crippen Method
rinpol	1782.00		NIST Webbook
rinpol	1782.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368166&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/40-583-0/Silane-diphenyl-2-2-3-4-4-4-hexafluorobutoxy-propoxy.pdf>

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