

Silane, diphenyl(2-fluoroethoxy)isohexyloxy-

Inchi: InChI=1S/C20H27FO2Si/c1-18(2)10-9-16-22-24(23-17-15-21,19-11-5-3-6-12-19)20-13-7
InchiKey: LEVWIRRYMGFXBP-UHFFFAOYSA-N
Formula: C20H27FO2Si
SMILES: CC(C)CCCO[Si](OCCF)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 346.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.78		Crippen Method
logp	3.682		Crippen Method
rinpol	2116.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368135&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/54-301-7/Silane-diphenyl-2-fluoroethoxy-isohexyloxy.pdf>

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