

Silane, diphenyl(2-fluoroethoxy)hexyloxy-

Inchi: InChI=1S/C20H27FO2Si/c1-2-3-4-11-17-22-24(23-18-16-21,19-12-7-5-8-13-19)20-14-9-6
InchiKey: YPJGYOMACMPCTN-UHFFFAOYSA-N
Formula: C20H27FO2Si
SMILES: CCCCCCO[Si](OCCF)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 346.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.02		Crippen Method
logp	3.826		Crippen Method
rinpol	2155.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368136&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/37-177-5/Silane-diphenyl-2-fluoroethoxy-hexyloxy.pdf>

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