

Silane, diphenyl(2-fluoroethoxy)octyloxy-

Inchi: InChI=1S/C22H31FO2Si/c1-2-3-4-5-6-13-19-24-26(25-20-18-23,21-14-9-7-10-15-21)22-
InchiKey: OQRGVCDWBBBEOA-UHFFFAOYSA-N
Formula: C22H31FO2Si
SMILES: CCCCCCO[Si](OCCF)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 374.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.86		Crippen Method
logp	4.606		Crippen Method
rinpol	2351.00		NIST Webbook
rinpol	2351.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368138&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/28-531-1/Silane-diphenyl-2-fluoroethoxy-octyloxy.pdf>

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