

Silane, diphenyl(2-fluoro-3-trifluoromethylphenoxy)propoxy

Inchi: InChI=1S/C22H20F4O2Si/c1-2-16-27-29(17-10-5-3-6-11-17,18-12-7-4-8-13-18)28-20-15
InchiKey: RTWBHZWZPYUCHZ-UHFFFAOYSA-N
Formula: C22H20F4O2Si
SMILES: CCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 420.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.77		Crippen Method
logp	4.906		Crippen Method
rinpol	2189.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368153&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/56-924-4/Silane-diphenyl-2-fluoro-3-trifluoromethylphenoxy-propoxy.pdf>

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