

Silane, diphenylpropoxy(2,3,4-trifluorophenoxy)-

Inchi:	InChI=1S/C21H19F3O2Si/c1-2-15-25-27(16-9-5-3-6-10-16,17-11-7-4-8-12-17)26-19-14-
InchiKey:	KPWINJVFRPJIR-UHFFFAOYSA-N
Formula:	C21H19F3O2Si
SMILES:	CCCO[Si](Oc1ccc(F)c(F)c1F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	388.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.33		Crippen Method
logp	4.166		Crippen Method
rinpol	2207.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368071&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/38-814-6/Silane-diphenylpropoxy-2-3-4-trifluorophenoxy.pdf>

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