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

Inchi: InChI=1S/C23H23F3O2Si/c1-2-3-10-17-27-29(18-11-6-4-7-12-18,19-13-8-5-9-14-19)28-2

InchiKey: SRUIFPPXQWUBBH-UHFFFAOYSA-N

Formula: C23H23F3O2Si

SMILES: CCCCCO[Si](Oc1ccc(F)c(F)c1F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 416.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.17		Crippen Method
logp	4.946		Crippen Method
rinpol	2376.00		NIST Webbook
rinpol	2376.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368074&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/31-144-7/Silane-diphenylpentyloxy-2-3-4-trifluorophenoxy.pdf

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