

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

Inchi: InChI=1S/C20H17F3O2Si/c1-2-24-26(15-9-5-3-6-10-15,16-11-7-4-8-12-16)25-18-14-13-1
InchiKey: ANEUJYILVSMEPS-UHFFFAOYSA-N
Formula: C20H17F3O2Si
SMILES: CCO[Si](Oc1ccc(F)c(F)c1F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 374.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.91		Crippen Method
logp	3.776		Crippen Method
rinpol	2140.00		NIST Webbook
rinpol	2140.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368070&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/32-931-2/Silane-diphenylethoxy-2-3-4-trifluorophenoxy.pdf>

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