

# Silane, diphenylheptyloxy(2,3,4-trifluorophenoxy)-

**Inchi:** InChI=1S/C25H27F3O2Si/c1-2-3-4-5-12-19-29-31(20-13-8-6-9-14-20,21-15-10-7-11-16-22)/1H,2H,3H,4H,5H,12H,19H,29H,20H,13H,8H,6H,9H,14H,20H,21H,15H,10H,7H,11H,16H,22H

**InchiKey:** UHGIGRGZNIJLJH-UHFFFAOYSA-N

**Formula:** C<sub>25</sub>H<sub>27</sub>F<sub>3</sub>O<sub>2</sub>Si

**SMILES:** CCCCCCO[Si](Oc1ccc(F)c(F)c1F)(c1cccc1)c1cccc1

**Mol. weight [g/mol]:** 444.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.00		Crippen Method
logp	5.726		Crippen Method
rinpol	2564.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368077&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

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