

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

Inchi: InChI=1S/C26H29F3O2Si/c1-2-3-4-5-6-13-20-30-32(21-14-9-7-10-15-21,22-16-11-8-12-13)/1
InchiKey: PPMZETQTKHBUJF-UHFFFAOYSA-N
Formula: C26H29F3O2Si
SMILES: CCCCCCO[Si](Oc1ccc(F)c(F)c1F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 458.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.42		Crippen Method
logp	6.116		Crippen Method
rinpol	2658.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368078&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/32-913-2/Silane-diphenyloctyloxy-2-3-4-trifluorophenoxy.pdf>

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