

Silane, diphenyl(2-fluoro-3-trifluoromethylphenoxy)pentyl

Inchi:	InChI=1S/C24H24F4O2Si/c1-2-3-10-18-29-31(19-12-6-4-7-13-19,20-14-8-5-9-15-20)30-2
InchiKey:	CRGQKQNHIIHCPS-UHFFFAOYSA-N
Formula:	C24H24F4O2Si
SMILES:	CCCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1cccc1)c1cccc1
Mol. weight [g/mol]:	448.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.61		Crippen Method
logp	5.687		Crippen Method
rinpol	2352.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368155&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

Latest version available from:

<https://www.chemeo.com/cid/69-436-2/Silane-diphenyl-2-fluoro-3-trifluoromethylphenoxy-pentyl.pdf>

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