Silane, dimethyl(dimethyl(3-fluorophenoxy)silyloxy)ethox

Inchi: InChI=1S/C12H21FO3Si2/c1-6-14-17(2,3)16-18(4,5)15-12-9-7-8-11(13)10-12/h7-10H,6H

InchiKey: MVVLQFXURDUHLK-UHFFFAOYSA-N

Formula: C12H21FO3Si2

SMILES: CCO[Si](C)(C)O[Si](C)(C)Oc1cccc(F)c1

Mol. weight [g/mol]: 288.46

Physical Properties

Property code	Value	Unit	Source
log10ws	0.54		Crippen Method
logp	3.661		Crippen Method
rinpol	1330.00		NIST Webbook
rinpol	1330.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347394&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/29-910-9/Silane-dimethyl-dimethyl-3-fluorophenoxy-silyloxy-ethoxy.pdf

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