Silane, dimethyl(2-bromo-4-fluorophenoxy)isobutoxy-

Inchi: InChI=1S/C12H18BrFO2Si/c1-9(2)8-15-17(3,4)16-12-6-5-10(14)7-11(12)13/h5-7,9H,8H2

InchiKey: SAUIGIPRQLICSD-UHFFFAOYSA-N

Formula: C12H18BrFO2Si

SMILES: CC(C)CO[Si](C)(C)Oc1ccc(F)cc1Br

Mol. weight [g/mol]: 321.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.66		Crippen Method
logp	4.341		Crippen Method
rinpol	1512.00		NIST Webbook
rinpol	1512.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347034&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices