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

Inchi: InChI=1S/C15H24BrFO2Si/c1-4-5-6-7-8-11-18-20(2,3)19-15-10-9-13(17)12-14(15)16/h9-

InchiKey: NBYCTHFHWQOMRJ-UHFFFAOYSA-N

Formula: C15H24BrFO2Si

SMILES: CCCCCCCO[Si](C)(C)Oc1ccc(F)cc1Br

Mol. weight [g/mol]: 363.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.15		Crippen Method
logp	5.656		Crippen Method
rinpol	1868.00		NIST Webbook
rinpol	1868.00		NIST Webbook

Sources

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

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347035&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices