

Silane, dimethyl(dimethyl(2-bromo-4fluorophenoxy)silyloxy)-2-bromo-4-fluorophenyl

Inchi: InChI=1S/C16H18Br2F2O3Si2/c1-24(2,21-15-7-5-11(19)9-13(15)17)23-25(3,4)22-16-8-6
InchiKey: GAFXUBSIXCKXEM-UHFFFAOYSA-N
Formula: C16H18Br2F2O3Si2
SMILES: C[Si](C)(Oc1ccc(F)cc1Br)O[Si](C)(C)Oc1ccc(F)cc1Br
Mol. weight [g/mol]: 512.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.54		Crippen Method
logp	6.368		Crippen Method
rinpol	2198.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347039&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

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