

Silane, dimethyldi(2-bromo-4-fluorophenoxy)-

Inchi: InChI=1S/C14H12Br2F2O2Si/c1-21(2,19-13-5-3-9(17)7-11(13)15)20-14-6-4-10(18)8-12(
InchiKey: UIXGNSVGOWNZKM-UHFFFAOYSA-N
Formula: C14H12Br2F2O2Si
SMILES: C[Si](C)(Oc1ccc(F)cc1Br)Oc1ccc(F)cc1Br
Mol. weight [g/mol]: 438.13

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.98		Crippen Method
logp	5.649		Crippen Method
rinpol	2078.00		NIST Webbook
rinpol	2078.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347038&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/92-801-0/Silane-dimethyldi-2-bromo-4-fluorophenoxy.pdf>

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