Silane, diethyl(2-bromo-4-fluorophenoxy)octyloxy-

Inchi: InChI=1S/C18H30BrFO2Si/c1-4-7-8-9-10-11-14-21-23(5-2,6-3)22-18-13-12-16(20)15-17(

InchiKey: YWUWTYMPTXQYDF-UHFFFAOYSA-N

Formula: C18H30BrFO2Si

SMILES: CCCCCCCCO[Si](CC)(CC)Oc1ccc(F)cc1Br

Mol. weight [g/mol]: 405.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.41		Crippen Method
logp	6.826		Crippen Method
rinpol	2144.00		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=U363179&Units=SI

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/22-423-7/Silane-diethyl-2-bromo-4-fluorophenoxy-octyloxy.pdf

Generated by Cheméo on 2024-10-12 02:26:39.655677514 +0000 UTC m=+3280862.292646761.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.