

Silane, diphenylbutoxy(2-fluoroethoxy)-

Inchi: InChI=1S/C18H23FO2Si/c1-2-3-15-20-22(21-16-14-19,17-10-6-4-7-11-17)18-12-8-5-9-13
InchiKey: MKOYOUNDLJRRJV-UHFFFAOYSA-N
Formula: C18H23FO2Si
SMILES: CCCCCO[Si](OCCF)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 318.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.18		Crippen Method
logp	3.046		Crippen Method
rinpol	1969.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368133&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/14-667-6/Silane-diphenylbutoxy-2-fluoroethoxy.pdf>

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