

Silane, diphenylethoxy(2-fluoro-3-trifluoromethylphenoxy

Inchi: InChI=1S/C21H18F4O2Si/c1-2-26-28(16-10-5-3-6-11-16,17-12-7-4-8-13-17)27-19-15-9-1
InchiKey: QAMJRGMNLFQNT-UHFFFAOYSA-N
Formula: C21H18F4O2Si
SMILES: CCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 406.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.35		Crippen Method
logp	4.516		Crippen Method
rinpol	2123.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368152&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/40-450-7/Silane-diphenylethoxy-2-fluoro-3-trifluoromethylphenoxy.pdf>

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