

Silane, diphenylethoxy(1,1,1-trifluoroprop-2-yloxy)-

Inchi: InChI=1S/C17H19F3O2Si/c1-3-21-23(15-10-6-4-7-11-15,16-12-8-5-9-13-16)22-14(2)17(18,19)20
InchiKey: XEOHOUGTVAHXRX-UHFFFAOYSA-N
Formula: C17H19F3O2Si
SMILES: CCO[Si](OC(C)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 340.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.68		Crippen Method
logp	3.247		Crippen Method
rinpol	1668.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368088&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/60-730-4/Silane-diphenylethoxy-1-1-1-trifluoroprop-2-yloxy.pdf>

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