

Silane, dimethyl(dimethyl(3,5-difluorophenoxy)silyloxy)decyloxy

Inchi: InChI=1S/C20H36F2O3Si2/c1-6-7-8-9-10-11-12-13-14-23-26(2,3)25-27(4,5)24-20-16-18
InchiKey: XBBPGMNNBJZORD-UHFFFAOYSA-N
Formula: C20H36F2O3Si2
SMILES: CCCCCCCCCO[Si](C)(C)O[Si](C)(C)Oc1cc(F)cc(F)c1
Mol. weight [g/mol]: 418.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.14		Crippen Method
logp	6.921		Crippen Method
rinsol	2017.00		NIST Webbook
rinsol	2017.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347182&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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