

Silane, dimethyl(3-fluorophenoxy)decyloxy-

Inchi: InChI=1S/C18H31FO2Si/c1-4-5-6-7-8-9-10-11-15-20-22(2,3)21-18-14-12-13-17(19)16-18
InchiKey: ZDAFHURUBFUOY-UHFFFAOYSA-N
Formula: C18H31FO2Si
SMILES: CCCCCCCCCO[Si](C)(C)Oc1cccc(F)c1
Mol. weight [g/mol]: 326.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.25		Crippen Method
logp	6.064		Crippen Method
rinpol	1942.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347387&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/60-235-4/Silane-dimethyl-3-fluorophenoxy-decyloxy.pdf>

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