

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

Inchi: InChI=1S/C18H30F2O2Si/c1-4-5-6-7-8-9-10-11-12-21-23(2,3)22-18-14-16(19)13-17(20)
InchiKey: UKSVFFNUTWICKX-UHFFFAOYSA-N
Formula: C18H30F2O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1cc(F)cc(F)c1
Mol. weight [g/mol]: 344.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.58		Crippen Method
logp	6.203		Crippen Method
rinpol	1898.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347167&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/17-386-5/Silane-dimethyl-3-5-difluorophenoxy-decyloxy.pdf>

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