

Silane, dimethyldi(3,5-difluorophenoxy)-

Inchi: InChI=1S/C14H12F4O2Si/c1-21(2,19-13-5-9(15)3-10(16)6-13)20-14-7-11(17)4-12(18)8-
InchiKey: MVHBIKDJSCJOSK-UHFFFAOYSA-N
Formula: C14H12F4O2Si
SMILES: C[Si](C)(Oc1cc(F)cc(F)c1)Oc1cc(F)cc(F)c1
Mol. weight [g/mol]: 316.32

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.32		Crippen Method
logp	4.403		Crippen Method
rinpol	1520.00		NIST Webbook
rinpol	1520.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347175&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/122-320-0/Silane-dimethyldi-3-5-difluorophenoxy.pdf>

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