

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

Inchi: InChI=1S/C12H18F2O2Si/c1-4-5-6-15-17(2,3)16-12-8-10(13)7-11(14)9-12/h7-9H,4-6H2,
InchiKey: YNDMUPGPJWXGAA-UHFFFAOYSA-N
Formula: C12H18F2O2Si
SMILES: CCCCOSi(C)(C)Oc1cc(F)cc(F)c1
Mol. weight [g/mol]: 260.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.07		Crippen Method
logp	3.862		Crippen Method
rinpol	1399.00		NIST Webbook
rinpol	1399.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347163&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/112-823-3/Silane-dimethyl-3-5-difluorophenoxy-butoxy.pdf>

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