

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

Inchi: InChI=1S/C20H34F2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-23-25(2,3)24-20-16-18(21)15-
InchiKey: HGXAVDHEUIKRAN-UHFFFAOYSA-N
Formula: C20H34F2O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1cc(F)cc(F)c1
Mol. weight [g/mol]: 372.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.42		Crippen Method
logp	6.983		Crippen Method
rinsol	2088.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347168&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

Latest version available from:

<https://www.cheméo.com/cid/98-161-5/Silane-dimethyl-3-5-difluorophenoxy-dodecyloxy.pdf>

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