

Silane, dimethyl(dimethyl(3,5-difluorophenoxy)silyloxy)tri

Inchi: InChI=1S/C23H42F2O3Si2/c1-6-7-8-9-10-11-12-13-14-15-16-17-26-29(2,3)28-30(4,5)27
InchiKey: ZBTAVGPFYWJYEZ-UHFFFAOYSA-N
Formula: C23H42F2O3Si2
SMILES: CCCCCCCCCCCCCO[Si](C)(C)O[Si](C)(C)Oc1cc(F)cc(F)c1
Mol. weight [g/mol]: 460.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.39		Crippen Method
logp	8.091		Crippen Method
rinpol	2290.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347184&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/38-188-2/Silane-dimethyl-dimethyl-3-5-difluorophenoxy-silyloxy-tridecyloxy.pdf>

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