

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

Inchi: InChI=1S/C22H38F2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-25-27(2,3)26-22-18-20(2,3)
InchiKey: GQPDCOPBMXIRJG-UHFFFAOYSA-N
Formula: C22H38F2O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1cc(F)cc(F)c1
Mol. weight [g/mol]: 400.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.25		Crippen Method
logp	7.763		Crippen Method
rinpol	2273.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347170&Units=SI>

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/72-452-0/Silane-dimethyl-3-5-difluorophenoxy-tetradecyloxy.pdf>

Generated by Cheméo on 2024-04-17 01:57:31.28635826 +0000 UTC m=+15608300.206935572.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.