

Silane, diphenyl(2-fluoro-3-trifluoromethylphenoxy)heptyloxy

Inchi: InChI=1S/C26H28F4O2Si/c1-2-3-4-5-12-20-31-33(21-14-8-6-9-15-21,22-16-10-7-11-17-23)/p1/q1/s1
InchiKey: ICFOGZDLYYGJPB-UHFFFAOYSA-N
Formula: C₂₆H₂₈F₄O₂Si
SMILES: CCCCCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 476.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.45		Crippen Method
logp	6.467		Crippen Method
rinpol	2535.00		NIST Webbook
rinpol	2535.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368158&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.chemeo.com/cid/66-403-1/Silane-diphenyl-2-fluoro-3-trifluoromethylphenoxy-heptyloxy.pdf>

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