

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

Inchi: InChI=1S/C25H26F4O2Si/c1-2-3-4-11-19-30-32(20-13-7-5-8-14-20,21-15-9-6-10-16-21)3
InchiKey: YIKOWDUSRLETQ-UHFFFAOYSA-N
Formula: C₂₅H₂₆F₄O₂Si
SMILES: CCCCCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 462.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.03		Crippen Method
logp	6.077		Crippen Method
rinpol	2440.00		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=U368157&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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