

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

Inchi: InChI=1S/C27H30F4O2Si/c1-2-3-4-5-6-13-21-32-34(22-15-9-7-10-16-22,23-17-11-8-12-13)/p1
InchiKey: CLDGFKWVRQIZSQ-UHFFFAOYSA-N
Formula: C27H30F4O2Si
SMILES: CCCCCCCC[Si](Oc1cccc(C(F)(F)F)c1F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 490.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.86		Crippen Method
logp	6.857		Crippen Method
rinpol	2626.00		NIST Webbook
rinpol	2626.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368159&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/44-628-6/Silane-diphenyl-2-fluoro-3-trifluoromethylphenoxy-octyloxy.pdf>

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