

Silane, diphenyldi(2-fluoro-3-trifluoromethoxy)-

Inchi: InChI=1S/C26H16F8O2Si/c27-23-19(25(29,30)31)13-7-15-21(23)35-37(17-9-3-1-4-10-17)
InchiKey: XVUXMUGCODKQIO-UHFFFAOYSA-N
Formula: C26H16F8O2Si
SMILES: Fc1c(O[Si](Oc2cccc(C(F)(F)F)c2F)(c2ccccc2)c2ccccc2)cccc1C(F)(F)F
Mol. weight [g/mol]: 540.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.21		Crippen Method
logp	6.717		Crippen Method
rinpol	2471.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368165&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/59-960-1/Silane-diphenyldi-2-fluoro-3-trifluoromethylphenoxy.pdf>

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