

Silane, diphenylnonyloxy(2,2,3,3-tetrafluoropoxy)-

Inchi: InChI=1S/C24H32F4O2Si/c1-2-3-4-5-6-7-14-19-29-31(21-15-10-8-11-16-21,22-17-12-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24)/s1

InchiKey: CALQAIXUAFLPED-UHFFFAOYSA-N

Formula: C₂₄H₃₂F₄O₂Si

SMILES: CCCCCCCCCO[Si](OCC(F)(F)C(F)F)(c1cccc1)c1cccc1

Mol. weight [g/mol]: 456.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.47		Crippen Method
logp	5.927		Crippen Method
rinpol	2346.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368106&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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