

Silane, diphenylpentyloxy(2,2,3,3-tetrafluoropropoxy)-

Inchi:	InChI=1S/C20H24F4O2Si/c1-2-3-10-15-25-27(17-11-6-4-7-12-17,18-13-8-5-9-14-18)26-
InchiKey:	PQAJCVAASGUCCP-UHFFFAOYSA-N
Formula:	C20H24F4O2Si
SMILES:	CCCCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	400.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.79		Crippen Method
logp	4.367		Crippen Method
rinpol	1974.00		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=U368101&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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