Silane, diphenyloctadecyloxy(2,2,3,3,3-pentafluoropropo

Inchi:	InChI=1S/C33H49F5O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-23-28-39-41(30-24-1
InchiKey:	LWZNYJGRTLPXFI-UHFFFAOYSA-N
Formula:	C33H49F5O2Si
SMILES:	CCCCCCCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	600.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.58		Crippen Method
logp	9.735		Crippen Method
rinpol	3086.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368131&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

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