

Silane, diphenylheptadecyloxy(2,2,3,3,3-pentafluoropropoxy)

Inchi: InChI=1S/C32H47F5O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-22-27-38-40(29-23-18-24-25-26)/1-2
InchiKey: UXFMXCDFUPGDCZ-UHFFFAOYSA-N
Formula: C32H47F5O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 586.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.17		Crippen Method
logp	9.345		Crippen Method
rinpol	2979.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368130&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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