

Silane, diphenyldodecyloxy(2,2,3,3,3-pentafluoropropoxy

Inchi: InChI=1S/C27H37F5O2Si/c1-2-3-4-5-6-7-8-9-10-17-22-33-35(24-18-13-11-14-19-24,25-26-27)/1
InchiKey: YDWDPCRCUXOAGS-UHFFFAOYSA-N
Formula: C27H37F5O2Si
SMILES: CCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 516.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.07		Crippen Method
logp	7.395		Crippen Method
rinpol	2496.00		NIST Webbook
rinpol	2496.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368126&Units=SI>

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/91-396-2/Silane-diphenyldodecyloxy-2-2-3-3-3-pentafluoropropoxy.pdf>

Generated by Cheméo on 2025-12-05 17:24:47.534056288 +0000 UTC m=+4703685.064096947.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.