

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

Inchi: InChI=1S/C27H38F4O2Si/c1-2-3-4-5-6-7-8-9-10-17-22-32-34(24-18-13-11-14-19-24,25-26-27)/1-2
InchiKey: VKCLVYJRDHMBJU-UHFFFAOYSA-N
Formula: C27H38F4O2Si
SMILES: CCCCCCCCCCO[Si](OCC(F)(F)C(F)F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 498.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.72		Crippen Method
logp	7.098		Crippen Method
rinpol	2633.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368109&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

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