

Silane, diphenylisohexyloxy(1,1,1-trifluoroprop-2-yloxy)-

Inchi: InChI=1S/C21H27F3O2Si/c1-17(2)11-10-16-25-27(19-12-6-4-7-13-19,20-14-8-5-9-15-20)
InchiKey: GZPCJXNVFLGWTO-UHFFFAOYSA-N
Formula: C21H27F3O2Si
SMILES: CC(C)CCCO[Si](OC(C)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 396.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.12		Crippen Method
logp	4.663		Crippen Method
rinpol	1955.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368091&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:

<https://www.cheméo.com/cid/48-100-7/Silane-diphenylisohexyloxy-1-1-1-trifluoroprop-2-yloxy.pdf>

Generated by Cheméo on 2024-04-23 15:49:56.324582978 +0000 UTC m=+16176645.245160289.

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