

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

Inchi: InChI=1S/C22H28F4O2Si/c1-2-3-4-5-12-17-27-29(19-13-8-6-9-14-19,20-15-10-7-11-16-2)
InchiKey: UCOBWFZGCYEBPX-UHFFFAOYSA-N
Formula: C22H28F4O2Si
SMILES: CCCCCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 428.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.63		Crippen Method
logp	5.147		Crippen Method
rinpol	2157.00		NIST Webbook
rinpol	2157.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368104&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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