

Silane, diphenylhexyloxy(2,2,3,3,4,4,5,5-octafluoropentyl)

Inchi: InChI=1S/C23H26F8O2Si/c1-2-3-4-11-16-32-34(18-12-7-5-8-13-18,19-14-9-6-10-15-19)3
InchiKey: QJBVLSNYGCMYEZ-UHFFFAOYSA-N
Formula: C23H26F8O2Si
SMILES: CCCCCCO[Si](OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 514.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.68		Crippen Method
logp	6.027		Crippen Method
rinpol	2119.00		NIST Webbook
rinpol	2119.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367719&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/114-351-5/Silane-diphenylhexyloxy-2-2-3-3-4-4-5-5-octafluoropentyl.pdf>

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