

Silane, diphenylhexyloxy(2,2,3,3-tetrafluoropoxy)-

Inchi: InChI=1S/C21H26F4O2Si/c1-2-3-4-11-16-26-28(18-12-7-5-8-13-18,19-14-9-6-10-15-19)2
InchiKey: NZWUIUXZMYUWRO-UHFFFAOYSA-N
Formula: C21H26F4O2Si
SMILES: CCCCCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 414.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.21		Crippen Method
logp	4.757		Crippen Method
rinpol	2064.00		NIST Webbook
rinpol	2064.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368103&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/112-752-2/Silane-diphenylhexyloxy-2-2-3-3-tetrafluoropoxy.pdf>

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