

Silane, diphenylisobutoxy(2,2,3,3,4,4,5,5-octafluoropenty

Inchi: InChI=1S/C21H22F8O2Si/c1-15(2)13-30-32(16-9-5-3-6-10-16,17-11-7-4-8-12-17)31-14-
InchiKey: SLXCUACLDPCLQA-UHFFFAOYSA-N
Formula: C21H22F8O2Si
SMILES: CC(C)CO[Si](OCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F))(c1cccc1)c1cccc1
Mol. weight [g/mol]: 486.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.60		Crippen Method
logp	5.103		Crippen Method
rinpol	1905.00		NIST Webbook
rinpol	1905.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367716&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/65-584-2/Silane-diphenylisobutoxy-2-2-3-3-4-4-5-5-octafluoropentyloxy.pdf>

Generated by Cheméo on 2024-04-27 23:31:11.344175696 +0000 UTC m=+16549920.264753011.

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