

Silane, diphenyloctyloxy(2,2,3,3,3-pentafluoropropoxy)-

Inchi: InChI=1S/C23H29F5O2Si/c1-2-3-4-5-6-13-18-29-31(20-14-9-7-10-15-20,21-16-11-8-12-13)/1
InchiKey: ZJGBZDAWQYMRLC-UHFFFAOYSA-N
Formula: C23H29F5O2Si
SMILES: CCCCCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 460.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.40		Crippen Method
logp	5.834		Crippen Method
rinpol	2117.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368123&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/12-057-5/Silane-diphenyloctyloxy-2-2-3-3-3-pentafluoropropoxy.pdf>

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