

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

Inchi: InChI=1S/C24H31F5O2Si/c1-2-3-4-5-6-7-14-19-30-32(21-15-10-8-11-16-21,22-17-12-9-1)
InchiKey: DDXXGZOFRXDWLJ-UHFFFAOYSA-N
Formula: C24H31F5O2Si
SMILES: CCCCCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 474.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.82		Crippen Method
logp	6.224		Crippen Method
rinpol	2209.00		NIST Webbook
rinpol	2209.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368124&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/34-281-2/Silane-diphenylnonyloxy-2-2-3-3-3-pentafluoropropoxy.pdf>

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