

Silane, diphenylbutoxy(2,2,3,3-tetrafluoropropoxy)-

Inchi:	InChI=1S/C19H22F4O2Si/c1-2-3-14-24-26(16-10-6-4-7-11-16,17-12-8-5-9-13-17)25-15-
InchiKey:	FAMRLOMLENOAMY-UHFFFAOYSA-N
Formula:	C19H22F4O2Si
SMILES:	CCCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	386.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.37		Crippen Method
logp	3.977		Crippen Method
rinpol	1885.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368100&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/119-322-2/Silane-diphenylbutoxy-2-2-3-3-tetrafluoropropoxy.pdf>

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