

Silane, diphenyl(4-biphenyloxy)isobutoxy-

Inchi:	InChI=1S/C28H28O2Si/c1-23(2)22-29-31(27-14-8-4-9-15-27,28-16-10-5-11-17-28)30-26
InchiKey:	ZLNKMVNRQZR VHY-UHFFFAOYSA-N
Formula:	C28H28O2Si
SMILES:	CC(C)CO[Si](Oc1ccc(-c2ccccc2)cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	424.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.12		Crippen Method
logp	5.662		Crippen Method
rinpol	3111.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U367496&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/10-419-5/Silane-diphenyl-4-biphenyloxy-isobutoxy.pdf>

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