

Triphenyl-p-biphenyl-silane

Other names:	biphenyl-4-yltriphenylsilane
Inchi:	InChI=1S/C30H24Si/c1-5-13-25(14-6-1)26-21-23-30(24-22-26)31(27-15-7-2-8-16-27,28-30)32
InchiKey:	KIKBAQXCRQQWGH-UHFFFAOYSA-N
Formula:	C30H24Si
SMILES:	c1ccc(-c2ccc([Si](c3ccccc3)(c3ccccc3)c3ccccc3)cc2)cc1
Mol. weight [g/mol]:	412.60
CAS:	3172-34-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-22.27		Crippen Method
logp	4.731		Crippen Method

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=C3172347&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/73-588-9/Triphenyl-p-biphenyl-silane.pdf>

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