

Silane, diphenyldi-2-propenyl-

Other names:	Diphenyldiallylsilane Diallyldiphenylsilane Silane, diallyldiphenyl- diphenylbis(2-propenyl)silane
Inchi:	InChI=1S/C18H20Si/c1-3-15-19(16-4-2,17-11-7-5-8-12-17)18-13-9-6-10-14-18/h3-14H,1
InchiKey:	ZODWTWYKYYSFS-UHFFFAOYSA-N
Formula:	C18H20Si
SMILES:	<chem>C=CC[Si](CC=C)(c1ccccc1)c1ccccc1</chem>
Mol. weight [g/mol]:	264.44
CAS:	10519-88-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.70		Crippen Method
logp	3.622		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10519887&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/78-965-5/Silane-diphenyldi-2-propenyl.pdf>

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