

# Allyltriphenylsilane

<b>Inchi:</b>	InChI=1S/C21H20Si/c1-2-18-22(19-12-6-3-7-13-19,20-14-8-4-9-15-20)21-16-10-5-11-17
<b>InchiKey:</b>	DXJZZRSMGLGFPW-UHFFFAOYSA-N
<b>Formula:</b>	C21H20Si
<b>SMILES:</b>	C=CC[Si](c1ccccc1)(c1ccccc1)c1ccccc1
<b>Mol. weight [g/mol]:</b>	300.47
<b>CAS:</b>	18752-21-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.18		Crippen Method
logp	3.343		Crippen Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C18752211&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C18752211&amp;Units=SI</a>

## Legend

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

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