

# Allyl trimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, allyl trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C14H18O4Si/c1-5-10-17-13(15)11-8-6-7-9-12(11)14(16)18-19(2,3)4/h5-9H,1,1
<b>InchiKey:</b>	NROQWGWLLGOYGW-UHFFFAOYSA-N
<b>Formula:</b>	C14H18O4Si
<b>SMILES:</b>	C=CCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	278.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.54		Crippen Method
logp	3.021		Crippen Method
rinpol	1734.00		NIST Webbook
rinpol	1734.00		NIST Webbook

## 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.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373633&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373633&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

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