

# Allyl tert-butyldimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, allyl tert-butyldimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C17H24O4Si/c1-7-12-20-15(18)13-10-8-9-11-14(13)16(19)21-22(5,6)17(2,3)4/
<b>InchiKey:</b>	NBWHQJARIKGRJN-UHFFFAOYSA-N
<b>Formula:</b>	C17H24O4Si
<b>SMILES:</b>	C=CCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	320.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.79		Crippen Method
logp	4.191		Crippen Method
rinpol	1957.00		NIST Webbook
rinpol	1957.00		NIST Webbook

## Sources

<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=U373660&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373660&amp;Units=SI</a>
<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>

## 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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<https://www.chemeo.com/cid/63-010-0/Allyl-tert-butyldimethylsilyl-phthalate.pdf>

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