

# tert-Butyldimethylsilyl 3-methylbut-3-enyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, 3-methylbut-3-enyl tert-butyldimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C19H28O4Si/c1-14(2)12-13-22-17(20)15-10-8-9-11-16(15)18(21)23-24(6,7)19
<b>InchiKey:</b>	IQZFEUZIOYSDHW-UHFFFAOYSA-N
<b>Formula:</b>	C19H28O4Si
<b>SMILES:</b>	<chem>C=C(C)CCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C(C)(C)C</chem>
<b>Mol. weight [g/mol]:</b>	348.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.63		Crippen Method
logp	4.972		Crippen Method
rinpol	2128.00		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=U373663&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373663&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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