

# 3,7-Dimethyloct-6-enyl trimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, 3,7-dimethyloct-6-enyl trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C21H32O4Si/c1-16(2)10-9-11-17(3)14-15-24-20(22)18-12-7-8-13-19(18)21(23)
<b>InchiKey:</b>	APLPSWLOURPXJI-UHFFFAOYSA-N
<b>Formula:</b>	C21H32O4Si
<b>SMILES:</b>	CC(C)=CCCC(C)CCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	376.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.22		Crippen Method
logp	5.608		Crippen Method
rinsol	2353.00		NIST Webbook
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## 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=U373646&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373646&amp;Units=SI</a>

## Legend

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

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