

# (E)-3,7-Dimethylocta-2,6-dienyl trimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, (E)-3,7-dimethylocta-2,6-dienyl trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C21H30O4Si/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>	LQGCMXWJYMTBDN-SAPNQHFAA-N
<b>Formula:</b>	C <sub>21</sub> H <sub>30</sub> O <sub>4</sub> Si
<b>SMILES:</b>	CC(C)=CCCC(C)=CCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	374.55

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.32		Crippen Method
logp	5.528		Crippen Method
rinpol	2404.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373511&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373511&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</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

Latest version available from:

<https://www.cheméo.com/cid/64-185-6/E-3-7-Dimethylocta-2-6-dienyl-trimethylsilyl-phthalate.pdf>

Generated by Cheméo on 2024-04-28 22:34:40.418757191 +0000 UTC m=+16632929.339334504.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.