

# Methyl trimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, methyl trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C12H16O4Si/c1-15-11(13)9-7-5-6-8-10(9)12(14)16-17(2,3)4/h5-8H,1-4H3
<b>InchiKey:</b>	XKVBTNGJDKCLIN-UHFFFAOYSA-N
<b>Formula:</b>	C12H16O4Si
<b>SMILES:</b>	<chem>COC(=O)c1ccccc1C(=O)O[Si](C)(C)C</chem>
<b>Mol. weight [g/mol]:</b>	252.34

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.84		Crippen Method
logp	2.465		Crippen Method
rinpol	1593.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373529&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373529&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>
<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

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