

# Phenyl trimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, phenyl trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C17H18O4Si/c1-22(2,3)21-17(19)15-12-8-7-11-14(15)16(18)20-13-9-5-4-6-10-
<b>InchiKey:</b>	MIGMVHOLLNUGEX-UHFFFAOYSA-N
<b>Formula:</b>	C17H18O4Si
<b>SMILES:</b>	C[Si](C)(C)OC(=O)c1ccccc1C(=O)Oc1ccccc1
<b>Mol. weight [g/mol]:</b>	314.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	3.897		Crippen Method
rinpol	2126.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373810&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373810&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.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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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<https://www.chemeo.com/cid/57-727-2/Phenyl-trimethylsilyl-phthalate.pdf>

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