

# 4-Methylpentyl trimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, 4-methylpentyl trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C17H26O4Si/c1-13(2)9-8-12-20-16(18)14-10-6-7-11-15(14)17(19)21-22(3,4)5/
<b>InchiKey:</b>	LDIJMJDWCSAFQY-UHFFFAOYSA-N
<b>Formula:</b>	C17H26O4Si
<b>SMILES:</b>	CC(C)CCCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	322.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.70		Crippen Method
logp	4.271		Crippen Method
rinpol	1995.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373809&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373809&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.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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