

# tert-Butyldimethylsilyl isobutyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, isobutyl tert-butyldimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C18H28O4Si/c1-13(2)12-21-16(19)14-10-8-9-11-15(14)17(20)22-23(6,7)18(3,4)
<b>InchiKey:</b>	UZCDBADPVOQFRQ-UHFFFAOYSA-N
<b>Formula:</b>	C18H28O4Si
<b>SMILES:</b>	CC(C)COC(=O)c1cccc1C(=O)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	336.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.11		Crippen Method
logp	4.661		Crippen Method
rinsol	2008.00		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=U373501&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373501&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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