

# sec-Butyl tert-butyldimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, sec-butyl tert-butyldimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C18H28O4Si/c1-8-13(2)21-16(19)14-11-9-10-12-15(14)17(20)22-23(6,7)18(3,4)
<b>InchiKey:</b>	WIKZZVBXCNNYNS-UHFFFAOYSA-N
<b>Formula:</b>	C18H28O4Si
<b>SMILES:</b>	CCC(C)OC(=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	-3.47		Crippen Method
logp	4.804		Crippen Method
rinpol	1999.00		NIST Webbook
rinpol	1999.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373657&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373657&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

Latest version available from:

<https://www.chemeo.com/cid/62-784-3/sec-Butyl-tert-butyldimethylsilyl-phthalate.pdf>

Generated by Cheméo on 2024-05-02 23:22:03.863468832 +0000 UTC m=+16981372.784046148.

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