

# Octadecyl trimethylsilyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, octadecyl trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C29H50O4Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-22-25-32-28(30)26
<b>InchiKey:</b>	QMGNVSKAFSNNCO-UHFFFAOYSA-N
<b>Formula:</b>	C29H50O4Si
<b>SMILES:</b>	CCCCCCCCCCCCCCCCCOC(=O)c1cccc1C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	490.79

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.96		Crippen Method
logp	9.097		Crippen Method
rinsol	3220.00		NIST Webbook
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## Sources

<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=U373701&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373701&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>

## 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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<https://www.chemeo.com/cid/44-519-7/Octadecyl-trimethylsilyl-phthalate.pdf>

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