

# tert-Butyldimethylsilyl tridecyl phthalate

<b>Other names:</b>	1,2-Benzenedicarboxylic acid, tridecyl tert-butyldimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C27H46O4Si/c1-7-8-9-10-11-12-13-14-15-16-19-22-30-25(28)23-20-17-18-21-
<b>InchiKey:</b>	JILJUWVLUPOVMN-UHFFFAOYSA-N
<b>Formula:</b>	C27H46O4Si
<b>SMILES:</b>	CCCCCCCCCCCCCOC(=O)c1cccc1C(=O)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	462.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.12		Crippen Method
logp	8.316		Crippen Method
rinpol	2992.00		NIST Webbook

## 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=U373517&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373517&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>rinpol:</b>	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/23-558-7/tert-Butyldimethylsilyl-tridecyl-phthalate.pdf>

Generated by Cheméo on 2024-05-03 00:59:55.029501013 +0000 UTC m=+16987243.950078324.

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