

# 2,6-Pyridinedicarboxylic acid, butyl 5-methoxy-3-methylpent-2-yl ester

<b>Inchi:</b>	InChI=1S/C18H27NO5/c1-5-6-11-23-17(20)15-8-7-9-16(19-15)18(21)24-14(3)13(2)10-12
<b>InchiKey:</b>	QKQGRIPLYVBB-UHFFFAOYSA-N
<b>Formula:</b>	C18H27NO5
<b>SMILES:</b>	CCCCOC(=O)c1cccc(C(=O)OC(C)C(C)CCOC)n1
<b>Mol. weight [g/mol]:</b>	337.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.45		Crippen Method
logp	3.256		Crippen Method
mcvol	271.450	ml/mol	McGowan Method
rinpola	2330.00		NIST Webbook

## 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>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U369173&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U369173&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinpola:</b>	Non-polar retention indices

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