

# 2,3-Pyridinedicarboxylic acid, dimethyl ester

<b>Other names:</b>	Dimethyl quinolinate Dimethyl 2,3-pyridinedicarboxylate 2,3-Bis(methoxycarbonyl)pyridine Dimethyl pyridine-2,3-dicarboxylate 2,3-Pyridinedicarboxylic acid, 2,3-dimethyl ester
<b>Inchi:</b>	InChI=1S/C9H9NO4/c1-13-8(11)6-4-3-5-10-7(6)9(12)14-2/h3-5H,1-2H3
<b>InchiKey:</b>	YLGIBCYHQZTFQL-UHFFFAOYSA-N
<b>Formula:</b>	C9H9NO4
<b>SMILES:</b>	<chem>COC(=O)c1ccnc1C(=O)OC</chem>
<b>Mol. weight [g/mol]:</b>	195.17
<b>CAS:</b>	605-38-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.72		Crippen Method
logp	0.655		Crippen Method
mcvol	138.770	ml/mol	McGowan Method
rinsol	1519.70		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C605389&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C605389&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>
<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>

## 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

**rinpol:** Non-polar retention indices

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