

# 2-Pyridinecarboxylic acid, ethyl ester

<b>Other names:</b>	Ethyl picolinate Picolinic acid, ethyl ester Ethyl 2-picolinate 2-Picolinic acid ethyl ester Ethyl 2-pyridinecarboxylate 2-(Ethoxycarbonyl)pyridine ethyl pyridine-2-carboxylate
<b>Inchi:</b>	InChI=1S/C8H9NO2/c1-2-11-8(10)7-5-3-4-6-9-7/h3-6H,2H2,1H3
<b>InchiKey:</b>	FQYYIPZPELSLDK-UHFFFAOYSA-N
<b>Formula:</b>	C8H9NO2
<b>SMILES:</b>	CCOC(=O)c1ccccn1
<b>Mol. weight [g/mol]:</b>	151.16
<b>CAS:</b>	2524-52-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.90		Crippen Method
logp	1.258		Crippen Method
mcvol	117.240	ml/mol	McGowan Method
rinpola	1269.00		NIST Webbook
tb	513.70	K	NIST Webbook
tb	516.20	K	NIST Webbook

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	395.20	K	1.70	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C2524529&Units=SI>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices  
**tb:** Normal Boiling Point Temperature  
**tbrp:** Boiling point at reduced pressure

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