

# Diethyl piperazine-1,4-dicarboxylate

<b>Inchi:</b>	InChI=1S/C10H18N2O4/c1-3-15-9(13)11-5-7-12(8-6-11)10(14)16-4-2/h3-8H2,1-2H3
<b>InchiKey:</b>	NAEAAGULDNVNCW-UHFFFAOYSA-N
<b>Formula:</b>	C10H18N2O4
<b>SMILES:</b>	CCOC(=O)N1CCN(C(=O)OCC)CC1
<b>Mol. weight [g/mol]:</b>	230.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.73		Aqueous Solubility Prediction Method
logp	0.917		Crippen Method
mcvol	175.740	ml/mol	McGowan Method

## Sources

**Aqueous Solubility Prediction Method:** <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousD>

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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

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