

# Purine, 6-amino-2-dimethylamino-

<b>Inchi:</b>	InChI=1S/C7H10N6/c1-13(2)7-11-5(8)4-6(12-7)10-3-9-4/h3H,1-2H3,(H3,8,9,10,11,12)
<b>InchiKey:</b>	ZMIYNNVNJUJTED-UHFFFAOYSA-N
<b>Formula:</b>	C7H10N6
<b>SMILES:</b>	CN(C)c1nc(N)c2[nH]cnc2n1
<b>Mol. weight [g/mol]:</b>	178.19
<b>CAS:</b>	5434-23-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.33		Crippen Method
logp	-0.481		Crippen Method
mcvol	130.450	ml/mol	McGowan Method

## 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>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=C5434231&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5434231&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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

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