

# 2,4-Diamino-1,3,5-triazine

<b>Other names:</b>	2,4-Diamino-s-triazine 1,3,5-Triazine-2,4-diamine s-Triazine, 2,4-diamino- Diamino-s-triazine Formoguanamine Guanamine 2,6-Diamino-s-triazine 4,6-Diamino-s-triazine NSC 251
<b>Inchi:</b>	InChI=1S/C3H5N5/c4-2-6-1-7-3(5)8-2/h1H,(H4,4,5,6,7,8)
<b>InchiKey:</b>	VZXTWGWHSMCWGA-UHFFFAOYSA-N
<b>Formula:</b>	C3H5N5
<b>SMILES:</b>	<chem>N=c1nc[nH]c(=N)[nH]1</chem>
<b>Mol. weight [g/mol]:</b>	111.11
<b>CAS:</b>	504-08-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.66		Crippen Method
logp	-2.267		Crippen Method
mcvol	79.270	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=C504085&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C504085&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>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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