

# 6-Amino-1,3,5-triazine-2,4(1H,3H)-dione

<b>Other names:</b>	Ammelide 1,3,5-Triazine-2,4(1H,3H)-dione, 6-amino-
<b>Inchi:</b>	InChI=1S/C3H4N4O2/c4-1-5-2(8)7-3(9)6-1/h(H4,4,5,6,7,8,9)
<b>InchiKey:</b>	YSKUZVBSHIWEFK-UHFFFAOYSA-N
<b>Formula:</b>	C3H4N4O2
<b>SMILES:</b>	<chem>Nc1nc(=O)[nH]c(=O)[nH]1</chem>
<b>Mol. weight [g/mol]:</b>	128.09
<b>CAS:</b>	645-93-2

## Physical Properties

Property code	Value	Unit	Source
chs	-1259.00 ± 4.20	kJ/mol	NIST Webbook
hfs	-492.90 ± 4.20	kJ/mol	NIST Webbook
log10ws	1.85		Crippen Method
logp	-2.923		Crippen Method
mcvol	81.030	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C645932&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C645932&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>chs:</b>	Standard solid enthalpy of combustion
<b>hfs:</b>	Solid phase enthalpy of formation at standard conditions
<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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