

# Pyruvic acid, (4-hydroxy-6-methylpyrimidin-2-yl)hydrazone (keto form)

InChI: InChI=1S/C8H10N4O3/c1-4-3-6(13)10-8(9-4)12-11-5(2)7(14)15/h3H,1-2H3,(H,14,15)(H2)Key: WRWMCDCGJBXKZQH-WZUFQYTHSA-N

Formula: C8H10N4O3

SMILES: CC(=NNc1nc(C)cc(=O)[nH]1)C(=O)O

Mol. weight [g/mol]: 210.19

CAS: 92610-88-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.45		Crippen Method
logp	-0.531		Crippen Method
mcvol	148.750	ml/mol	McGowan Method

## Sources

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>

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C92610883&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

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