

# Benzaldehyde, p-(dimethylamino)-, 9h-purin-6-yl hydrazone

Inchi:	InChI=1S/C14H15N7/c1-21(2)11-5-3-10(4-6-11)7-19-20-14-12-13(16-8-15-12)17-9-18-14
InchiKey:	GGGQWIAICGUXJU-FBCYGCCLPSA-N
Formula:	C14H15N7
SMILES:	CN(C)c1ccc(C=NNc2ncnc3[nH]cnc23)cc1
Mol. weight [g/mol]:	281.32
CAS:	6300-80-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.58		Crippen Method
logp	1.383		Crippen Method
mcvol	211.000	ml/mol	McGowan Method

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
McGowan Method:	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C6300807&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C6300807&amp;Units=SI</a>
Crippen Method:	<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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