

# 9H-purine, 2-amino-9-beta-d-ribofuranosyl-

<b>Inchi:</b>	InChI=1S/C10H13N5O4/c11-10-12-1-4-8(14-10)15(3-13-4)9-7(18)6(17)5(2-16)19-9/h1,3,
<b>InchiKey:</b>	JVOJULURLCZUDE-UHFFFAOYSA-N
<b>Formula:</b>	C10H13N5O4
<b>SMILES:</b>	Nc1ncc2ncn(C3OC(CO)C(O)C3O)c2n1
<b>Mol. weight [g/mol]:</b>	267.24

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.29		Crippen Method
logp	-1.980		Crippen Method
mcvol	175.360	ml/mol	McGowan Method

## Sources

<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=B6006798&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=B6006798&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</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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