

Uracil, 5-amino-6-methyl-

Other names:	5-amino-6-methyluracil
Inchi:	InChI=1S/C5H7N3O2/c1-2-3(6)4(9)8-5(10)7-2/h6H2,1H3,(H2,7,8,9,10)
InchiKey:	FNSSATCDUXTALE-UHFFFAOYSA-N
Formula:	C5H7N3O2
SMILES:	Cc1nc(O)nc(O)c1N
Mol. weight [g/mol]:	141.13
CAS:	6270-46-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.21		Crippen Method
logp	-0.222		Crippen Method
mcvol	99.230	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6270468&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.chemeo.com/cid/62-966-1/Uracil-5-amino-6-methyl.pdf>

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