

Formic acid, 2-pyrimidinylhydrazide

Inchi:	InChI=1S/C5H6N4O/c10-4-8-9-5-6-2-1-3-7-5/h1-4H,(H,8,10)(H,6,7,9)
InchiKey:	PRLRBBJKDJRRKE-UHFFFAOYSA-N
Formula:	C5H6N4O
SMILES:	OC=NNc1ncccn1
Mol. weight [g/mol]:	138.13
CAS:	7461-00-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.99		Crippen Method
logp	0.390		Crippen Method
mcvol	99.040	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
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7461009&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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<https://www.chemeo.com/cid/96-748-6/Formic-acid-2-pyrimidinylhydrazide.pdf>

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