

# Formamide, n-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-n-[4-h

Other names:	prosultiamine
Inchi:	InChI=1S/C15H24N4O2S2/c1-4-7-22-23-14(5-6-20)11(2)19(10-21)9-13-8-17-12(3)18-15
InchiKey:	UDCIYVVYDCXLSX-SDNWHVVSQSA-N
Formula:	C15H24N4O2S2
SMILES:	CCCSSC(CCO)=C(C)N(C=O)Cc1cnc(C)nc1N
Mol. weight [g/mol]:	356.51
CAS:	59-58-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.97		Crippen Method
logp	2.731		Crippen Method
mcvol	274.210	ml/mol	McGowan Method

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C59585&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C59585&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>
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>

## Legend

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

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