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-SDNWHVSQSA-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: http://webbook.nist.gov/cgi/cbook.cgi?ID=C59585&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

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