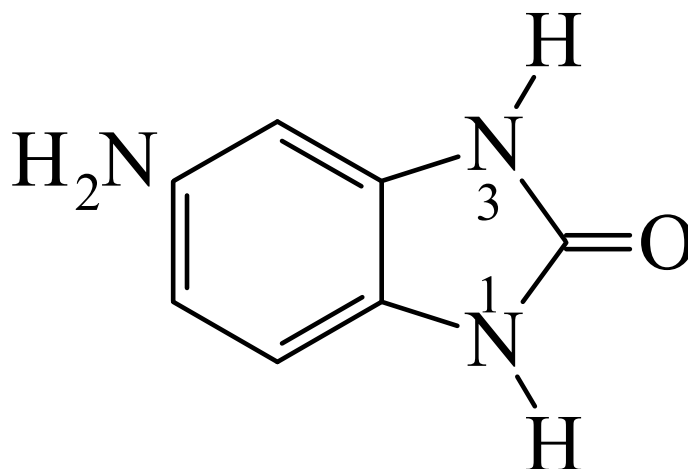




>>Entry Name: **5-Amino-2-benzimidazolinone**

Synonym(s): 5-Amino-1,3-dihydro-2*H*-benzimidazol-2-one, 9CI



CAS Registry Number: 95-23-8

Related CAS Registry Numbers(s): 110274-75-4

Molecular Formula: C₇H₇N₃O

Molecular Weight: 149.152

Accurate Mass: 149.058912

Percentage Composition: C 56.37%; H 4.73%; N 28.17%; O 10.73%

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 340°

>>Derivative: 1-Me

Synonym(s): 5-Amino-1,3-dihydro-1-methyl-2*H*-benzimidazol-2-one, 9CI

CAS Registry Number: 54732-89-7

Molecular Formula: C₈H₉N₃O

Molecular Weight: 163.179

Accurate Mass: 163.074562

Percentage Composition: C 58.89%; H 5.56%; N 25.75%; O 9.80%

Physical Description: Cryst. (as hydrochloride)

Melting Point: Mp 320-330° (as hydrochloride)