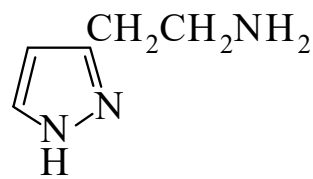




>>Entry Name: **3-(2-Aminoethyl)pyrazole**

Synonym(s): 1*H*-Pyrazole-3-ethanamine, 9Cl. Ametazole, BAN. **Betazole**, INN. Gastramin. Histalog. Histimin. Testazid



CAS Registry Number: 105-20-4

Molecular Formula: C₅H₉N₃

Molecular Weight: 111.146

Accurate Mass: 111.079647

Percentage Composition: C 54.03%; H 8.16%; N 37.81%

Use/Importance: Used to stimulate gastric secretion in diagnostic tests

Physical Description: Liq.

Boiling Point: Bp_{0.5} 118-123°

Calculated Log P Data: Log P -0.85 (calc)

>>**Derivative:** Hydrochloride (1:2)

Synonym(s): Betazole hydrochloride, JAN

CAS Registry Number: 138-92-1

Physical Description: Cryst. (EtOH)

Melting Point: Mp 224-227°

Hazard & Toxicity: LD₅₀ (mus, orl) 860 mg/kg

References:

Rosiere, C.E. *et al.*, *Science (Washington, D.C.)*, 1951, **113**, 651, (*use*)

Jones, R.G. *et al.*, *J.A.C.S.*, 1953, **75**, 4048, (*synth*)