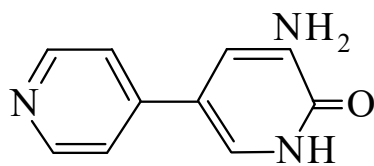




>>Entry Name: Amrinone, BAN, INN, USAN

Synonym(s): 5-Amino-4-hydroxy-3,4'-bipyridine. 5-Amino-[3,4'-bipyridine]-6(1*H*)-one, 9Cl. Cordemcura. Inocor. Wincoram. Win 40680



CAS Registry Number: 60719-84-8

Molecular Formula: C₁₀H₉N₃O

Molecular Weight: 187.201

Accurate Mass: 187.074562

Percentage Composition: C 64.16%; H 4.85%; N 22.45%; O 8.55%

Use/Importance: Cardiac inotropic agent

Physical Description: Cryst. (DMF)

Development Status: Launched 1983. Discontinued

Melting Point: Mp 294-297 dec.°

Calculated Log P Data: Log P -0.7 (calc)

Hazard & Toxicity: Adverse effects incl. cardiac arrhythmias, dose-dependent thrombocytopenia and hepatotoxicity. LD₅₀ (rat, orl) 102 mg/kg. Exp. reprod. and teratogenic effects

Sigma: A4056

References:

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