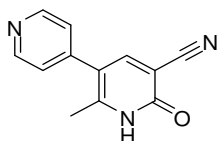




Certificate of Analysis

Axon Catalogue ID: 3314 **Batch Number:** 1
Product Name: Milrinone
Alternative Name(s): WIN 47203
IUPAC Name: 6-Methyl-2-oxo-5-(pyridin-4-yl)-1,2-dihydropyridine-3-carbonitrile

Structure:



Amount:

CAS number(s): 78415-72-2
Molecular Formula: C₁₂H₉N₃O **Molecular Weight:** 211.22
Batch Molecular Formula: C₁₂H₉N₃O **Batch Molecular Weight:** 211.22
Appearance: White solid **Observed mp:** 291.5 °C (decomp)
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.24, H 4.29, N 19.89; Found: C 67.97, H 4.34, N 19.68
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility	Solubility	Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	7.7	36.3	
	EtOH			Not Tested

Remarks:

QC Date: 09-02-2021

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only