

3050 Spruce Street, Saint Louis, MO 63103, USA

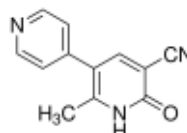
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Product Specification

Product Name:
Milrinone - ≥97% (TLC), powder

Product Number: **M4659**
CAS Number: 78415-72-2

Formula: C₁₂H₉N₃O
Formula Weight: 211.2 AMU



TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to Light Yellow or Light Pink
Solubility (Solvent)	CHCl ₃ /MeOH 1/1
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Heating)	Yes
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Yellow or Light Pink
Elemental Anal. (%C anhydrous)	67.74 - 68.74 %
Elemental Anal. (%N anhydrous)	19.19 - 20.59 %
Purity (TLC)	≥ 97.00 %
NMR (Solvent)	CD ₃ OD/CDCl ₃ 1/1
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Methanol
NMR (% Solvent 1)	≤ 1.00 %
Recommended Retest Period	-----
5 Years	

Specification: PRE.1.ZQ5.10000002145

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.