



Product Information

CAS Registry No. 78415-72-2

Product Name: Milrinone

Catalog No. M3344

Chemical Name: 5,8-Dihydro-5-methoxy-8-oxo-1,3-dioxolo[4,5-g]-quinoline-7-carboxylic acid

Synonym(s): Corotrope; Milrila

Mol. formula: C₁₂H₉N₃O

Formula wt: 211.22

M.p. 264°C

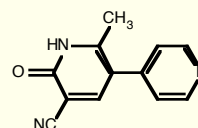
B.p.

Purity: ≥98%

Solubility: Soluble in DMSO (>10mg/mL).

Stability (in original shipping container):

Storage temp: Ambient



Product Description:

A selective phosphodiesterase 3 inhibitor known to effect left ventricular relaxation by inhibiting the breakdown of cAMP in association with an acceleration of sarcoplasmic reticulum Ca(2+)-ATP activity and CA(2+) uptake. It inhibits platelet aggregation and induces disaggregation.

References:

Alousi AA, Canter JM, Montenaro MJ. *et al. J Cardiovasc Pharmacol.* **5**:792-803 (1983).

Yano, M., Kohno, M., Ohkusa, T., *et al. Am J Physiol-Heart Circ Physiol.* **279**:H1898-H1905 (2000).

Kikura, M., Kazama, T., Ikeda, T., Sato, S. *Platelets* **11**:446-458 (2000).

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.

PRICING

10 mg	\$47.50
50 mg	\$196.60
100 mg	\$338.80

Bulk quantity available upon request

LKT Laboratories, Inc.

Address: 2233 University Ave. W
St. Paul, MN 55114
USA

Phone: 888-LKT-Labs (558-5227)
651 644 8424

Fax: 651-644-8357

Email: info@lktlabs.com

Web: www.lktlabs.com