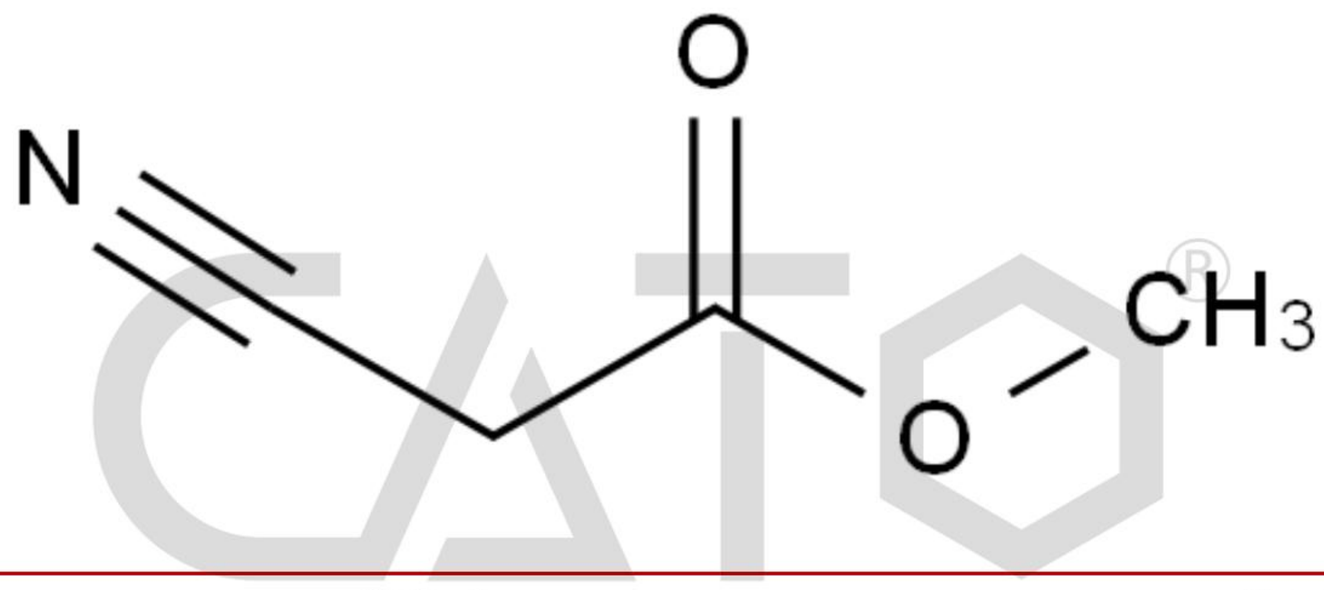
Certificate of Analysis

Reference Material & Standard

Product Name:	Milrinone Impurity 11	**Catalogue Number:**	C4X-109111
Synonyms:	N/A	**Lot Number:**	1113-RH-0112
CAS Number:	105-34-0	**Expiry Date:**	Nov 12, 2030
Molecular Formula:	$C_4H_5NO_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	99.09	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	GC	99.5%
Assay	qNMR	99.3%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Nov 13, 2026

Reviewed by: Lisa Date: Nov 13, 2026

Approved by General Manager: David Date: Nov 13, 2026

CATO Research Chemicals Inc.