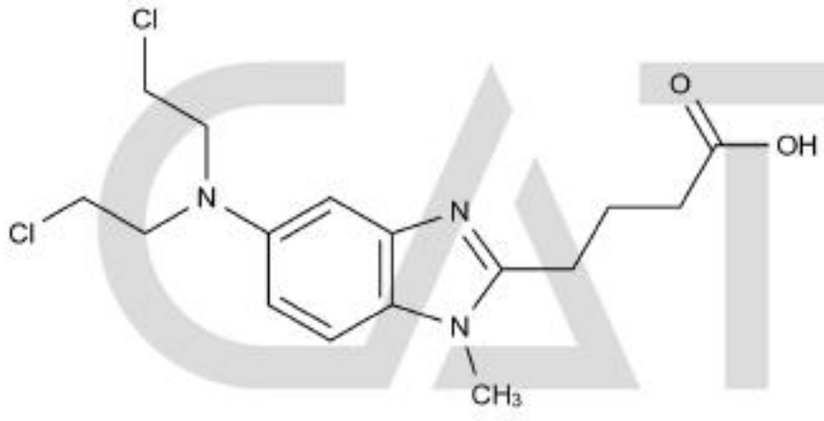
Certificate of Analysis

Reference Material & Standard

Product Name:	Bendamustine Hydrochloride monohydrate	**Catalogue Number:**	C1263058
Synonyms:	N/A	**Lot Number:**	1216-SA-7754
CAS Number:	1374784-02-7	**Expiry Date:**	Dec 15, 26
Molecular Formula:	$C_{16}H_{21}Cl_2N_3O_2$ HCl H_2O	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	358.26 36.46 18.02		
		Warning:	

H_2O

Chemical Structure:



HCl

CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	98.382%

Signature:

Prepared by: Lisa — Date: Dec 16, 22

Reviewed by: Yuki — Date: Dec 16, 22

Approved by General Manager: David — Date: Dec 16, 22

CATO Research Chemicals Inc.

Directions:

1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.

2. Minimum sample size: 1mg is recommended as the minimum sample size.

3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.

4. Instructions for handling and correct use: Handling in a well-ventilated place.

Document Version:

Revision No.	Date	Reason for Revision
01	Dec 16, 22	First release.

CATO Research Chemicals Inc.