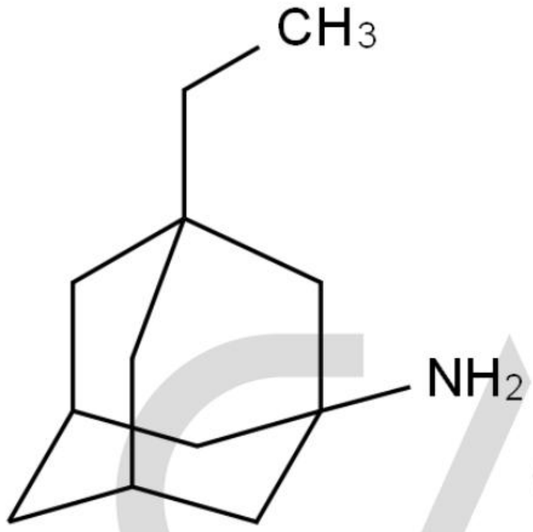
Certificate of Analysis

Reference Material & Standard

Product Name:	Memantine Related Compound I	**Catalogue Number:**	C4X-105810
Synonyms:	N/A	**Lot Number:**	1021-RF-0002
CAS Number:	80121-67-1	**Expiry Date:**	Oct 20, 2027
Molecular Formula:	C12H21N HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	179.30 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	GC	99.8%
Assay	qNMR	92.5%

CATO Research Chemicals Inc.

Comment:

Assay was determined by quantitative 1H-NMR.

Signature:

Prepared by: Koji Date: Oct 21, 2024

Reviewed by: Lisa Date: Oct 21, 2024

Approved by General Manager: David Date: Oct 21, 2024

CATO Research Chemicals Inc.