

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0113	
Compound name	AMN 082 dihydrochloride	
Chemical name	N,N'-Bis(diphenylmethyl)-1,2-ethanediamine	
Batch number	E0829-4-4	
Batch molecular formula	C ₂₈ H ₂₈ N ₂ ·2HCl·1.9H ₂ O	
Batch molecular weight	499.69	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.3%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM) and in water (2 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

19-11-18

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.