

Certificate of Analysis

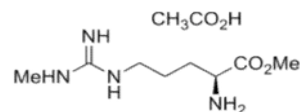


Product Identification

Catalog number HB1353
Compound name L-NMMA acetate
Chemical name N(omega)-Monomethyl-L-Arginine Acetate

Batch number E00823-1-1
Batch molecular formula $C_7H_{16}N_4O_2 \cdot CH_3COOH \cdot 0.3H_2O$
Batch molecular weight 253.69

Chemical Structure



Method

QC requirement

QC Result

NMR	1H NMR in D ₂ O 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
TLC	TLC analysis in 75% PAW/BuOH shows one spot under ninhydrin	Meets specification: R _f =0.7
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (50 mM)	Meets specification

Biological validation

Produced by

Signature

Passed by

Signature

Date

21-06-18

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