

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB5153	
Compound name	LY367385 hydrochloride	
Chemical name	(S)-(+)- α -Amino-4-carboxy-2-methylbenzeneacetic acid hydrochloride	
Batch number	E2190-6-1	
Batch molecular formula	$C_{10}H_{11}NO_4 \cdot HCl$	
Batch molecular weight	245.66	
Method	QC requirement	QC Result
HPLC	Chiral HPLC shows >98% purity	Meets specification: 99.7%
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 50% PAW:BuOH shows one spot under ninhydrin	Meets specification: $R_f=0.6$
Physical appearance	White to off-white solid	Meets specification: Off-white solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

24/08/2023

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