

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1750	
Compound name	LY 272015 hydrochloride	
Chemical name	1-[(3,4-Dimethoxyphenyl)methyl]-2,3,4,9-tetrahydro-6-methyl-1H-pyrido[3,4-b]indole	
Batch number	E1634-3-2	
Batch molecular formula	C ₂₁ H ₂₄ N ₂ O ₂ ·HCl·0.25H ₂ O	
Batch molecular weight	377.40	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.5%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis shows molecular ion	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 =0.4
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

08/09/2021

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