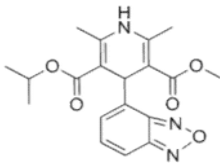


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1223	
Compound name	Isradipine	
Chemical name	4-(2,1,3-Benzoxadiazol-4-yl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinecarboxylic acid methyl 1-methylethyl ester	
Batch number	E2224-1-1	
Batch molecular formula	C ₁₉ H ₂₁ N ₃ O ₅	
Batch molecular weight	371.39	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.4%
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	Yellow solid	Meets specification: Yellow solid
Solubility	Soluble in DMSO (50 mM) and in ethanol (25 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

17/04/2023

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