

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB3381	
Compound name	Valsartan	
Chemical name	(S)-3-methyl-2-[N-((4-[2-(2H-1,2,3,4-tetrazol-5-yl)phenyl]phenyl)methyl)pentanamido]butanoic acid	
Batch number	E1372-1-1	
Batch molecular formula	C ₂₄ H ₂₉ N ₅ O ₃ ·0.6H ₂ O	
Batch molecular weight	446.33	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	¹ H NMR in CDCl ₃ at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 10% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.7
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

08-09-20

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