

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB7480	
Compound name	Indinavir sulphate	
Chemical name	(2S)-1-[(2S,4R)-4-benzyl-2-hydroxy-5-[[[(1S,2R)-2-hydroxy-2,3-dihydro-1H-inden-1-yl]amino]-5-oxopentyl]-N-tert-butyl-4-(pyridin-3-ylmethyl)piperazine-2-carboxamide sulphate salt	
Batch number	E1368-1-1	
Batch molecular formula	$C_{36}H_{47}N_5O_4 \cdot H_2SO_4 \cdot 1.2H_2O$	
Batch molecular weight	733.49	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	1H NMR in D_2O 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	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (20 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

24-07-20

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