

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2838	 HCl
Compound name	Granisetron hydrochloride	
Chemical name	1-Methyl-N-[(3-endo)-9-methyl-9-azabicyclo[3.3.1]non-3-yl]-1H-indazole-3-carboxamide hydrochloride	
Batch number	E1226-1-1	
Batch molecular formula	$C_{18}H_{24}N_4O \cdot HCl \cdot 0.2H_2O$	
Batch molecular weight	352.48	
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
TLC	TLC analysis in 50% PAW/BuOH shows one spot under uv	Meets specification: $R_f=0.3$
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (100 mM) and in DMSO (10 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

19-11-19

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