

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB8542	
Compound name	uPSEM 792 hydrochloride	
Chemical name	1-Methyl-7,8,9,10-tetrahydro-1H-6,10-methanoazepino[4,5-g]quinoxalin-2(6H)-one hydrochloride	
Batch number	E1108-8-9	
Batch molecular formula	$C_{14}H_{13}N_3O \cdot HCl \cdot 0.9H_2O$	
Batch molecular weight	293.97	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.2%
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: Off-white solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

13-01-20

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