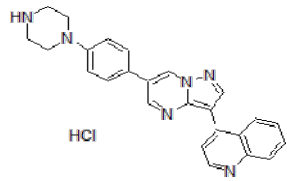


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB5624	
Compound name	LDN193189 hydrochloride	
Chemical name	4-[6-[4-(1-piperazinyl)phenyl]pyrazolo[1,5-a]pyrimidin-3-yl]quinoline hydrochloride	
Batch number	E1079-1-1	
Batch molecular formula	C ₂₅ H ₂₂ N ₆ ·HCl	
Batch molecular weight	442.94	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.1%
Solubility	Soluble in DMSO	Meets specification

Produced by

Signature

Passed by

Signature

Date

13-05-19

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