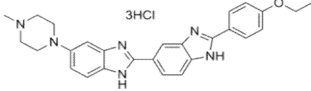


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0787	
Compound name	Hoechst 33342	
Chemical name	2-(4-ethoxyphenyl)-6-[6-(4-methylpiperazin-1-yl)-1H-benzimidazol-2-yl]-1H-benzimidazole	
Batch number	E1566-1-1	
Batch molecular formula	C ₂₇ H ₂₈ N ₆ O ₃ ·3HCl	
Batch molecular weight	561.94	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.0%
NMR	¹ H NMR consistent with structure	Meets specification
Physical appearance	Yellow to green solid	Meets specification
Solubility	Soluble in water (50 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

01/09/2023

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