

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0787	
Compound name	Hoechst	
Chemical name	2'-(4-Ethoxyphenyl)-5-(4-methyl-1-piperazinyl)-2,5'-bi-1H-benzimidazole trihydrochloride	
Batch number	E1019-1-1	
Batch molecular formula	C <sub>27</sub> H <sub>28</sub> N <sub>6</sub> O <sub>3</sub> ·3HCl	
Batch molecular weight	561.93	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.0%
NMR	1H NMR consistent with structure	Meets specification
Physical appearance	Yellow to green solid	Meets specification: Yellow solid
Solubility	Soluble in water (50 mM) and in DMSO (50 mM)	Meets specification

Produced by	Signature	
Passed by	Signature	
	Date	18-03-19

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