

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB8161	
Compound name	UBP 714	
Chemical name	6-Bromo-4-methyl-2-oxo-2H-1-benzopyran-3-carboxylic acid ammonium salt	
Batch number	E1420-1-2	
Batch molecular formula	C ₁₁ H ₇ BrO ₄ .NH ₃	
Batch molecular weight	300.11	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.0%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative 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 (50 mM)	Meets specification
Biological validation		

Produced by

Signature

Passed by

Signature

Date

14-01-21

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