

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0090	
Compound name	8-Br-cAMP sodium salt	
Chemical name	8-Bromoadenosine-3',5'-cyclic monophosphate sodium salt	
Batch number	E2039-1-1	
Batch molecular formula	C ₁₀ H ₁₀ BrN ₅ NaO ₆ P·3.2H ₂ O	
Batch molecular weight	487.74	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.2%
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 (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

02/08/2022

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