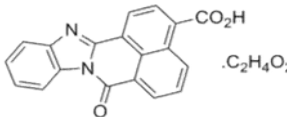


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0593	
Compound name	STO-609 acetate	
Chemical name	7-Oxo-7H-benzimidazo[2,1-a]benz[de]isoquinoline-3-carboxylic acid acetate	
Batch number	E0942-13-2	
Batch molecular formula	C ₁₉ H ₁₈ N ₂ O ₃ · C ₂ H ₄ O ₂	
Batch molecular weight	374.35	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >97% purity	Meets specification: 97.6%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	Yellow to orange solid	Meets specification: Yellow solid
Solubility	Soluble in DMSO (10 mM) and in 0.1M NaOH/water (45 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

07-06-19

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