

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB7988	
Compound name	JF549 Azide	
Chemical name	3,6-Di-1-azetidiny-9-[5-[2-[2-[2-azidoethoxy]ethoxy]ethyl]carbamoyl]-2-carboxyphenyl]xanthylum, inner salt	
Batch number	E1619-2-1	
Batch molecular formula	C ₃₅ H ₃₈ N ₆ O ₇	
Batch molecular weight	654.72	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >90% purity	Meets specification: 95.6%
NMR	¹ H NMR in CDCl ₃ at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Physical appearance	Red to purple solid	Meets specification: Purple solid
Solubility	Soluble in DMSO	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

10/06/2022

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