

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB7173	
Compound name	JF525	
Chemical name	3,6-Di-1-(3,3-difluoroazetidinyl)-9-[2,5-dicarboxy-phenyl]xanthylium, inner salt	
Batch number	E1623-1-1	
Batch molecular formula	C ₂₇ H ₁₈ F ₄ N ₂ O ₅	
Batch molecular weight	526.44	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >90% purity	Meets specification: 98.1%
NMR	¹ H NMR in CDCl ₃ -MeOD at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Physical appearance	Orange to red solid	Meets specification: Red solid
Solubility	Soluble in DMSO	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

23-05-22

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