

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB8745	
Compound name	JF 549	
Chemical name	3,6-Di-1-azetidiny-9-(2,5-dicarboxyphenyl)xanthylium, inner salt trifluoroacetate	
Batch number	E1331-21-1	
Batch molecular formula	C <sub>27</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub> ·C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>	
Batch molecular weight	568.50	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >90% purity	Meets specification: 93.4%
NMR	<sup>1</sup> H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Physical appearance	Purple solid	Meets specification: Purple solid
Solubility	Soluble in DMSO (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

28-05-21

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