

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB6127	
Compound name	JF-NP-26	
Chemical name	(7-(diethylamino)-2-oxo-2H-chromen-4-yl)methyl (2-((3-fluorophenyl)ethynyl)-4,6-dimethylpyridin-3-yl)carbamate	
Batch number	E0649-2-11	
Batch molecular formula	C ₃₀ H ₂₈ FN ₃ O ₄	
Batch molecular weight	513.57	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	1H NMR in MeOD at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
TLC	TLC analysis in 50% EtOAc/hexane shows one spot under uv	Meets specification: R _f =0.5
Physical appearance	Pale yellow to yellow solid	Meets specification: Yellow solid
Solubility	Soluble in DMSO (100 mM)	Meets specification
Biological validation		

Produced by

Signature

Passed by

Signature

Date

09-08-17

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