

Certificate of Analysis

Product Name	FITC,isomer I		
Cat.No.	F5027	Storage Conditions	-20℃ &Protect from light
Lot.No.	220203G38	Expiration Date	02-02-2027
Molecular Formula	C ₂₁ H ₁₁ NO ₅ S	Molecular Weight	389.4
CAS Number	3326-32-7	Excitation Emission	492/520 nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Orange solid	Orange solid	
Weight/volume	10-10.5mg	10mg	
molar extinction coefficient	78000±7800	77691	
Purity	HPLC: ≥90% at 254nm	91.9% at 254nm	
	≥90% at 496 nm	97.7% at 496 nm	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	11-03-2024
QC	Chen ming Jiang	QA	Qin Hua-Yu

