

# Certificate of Analysis

Product Name	6-ROX		
Cat.No.	R5040Z2	Storage Conditions	Keep away from light at -20°C
Lot.No.	231205E01-02	Expiration Date	04-06-2025
Molecular Formula	C <sub>33</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub>	Molecular Weight	534.6
CAS Number	194785-18-7	Excitation Emission	566/587 nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Dark red solid	Dark red solid	
Weight/volume	1-1.1mg	1mg	
molar extinction coefficient	90000±27000	83178	
Purity	HPLC: ≥95%at254nm	98.6% at 254nm	
	≥95% at 575nm	99.1% at 575nm	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	27-03-2024
QC	Chen ming Jiang	QA	Qin Hua-Yu

