

## Certificate of Analysis

<b>Product Name</b>	LS510 free acid		
<b>Cat.No.</b>	LH0085	<b>Storage Conditions</b>	-20℃ & Protect from light
<b>Lot.No.</b>	220110X01-04	<b>Expiration Date</b>	09-01-2027
<b>Molecular Formula</b>	$C_{29}H_{34}N_2O_7S$	<b>Molecular Weight</b>	554.65
<b>CAS Number</b>	N/A	<b>Excitation</b>	492nm
		<b>Emission</b>	587nm
<b>Quality Control</b>			
<b>Items</b>	<b>Specification</b>		<b>Result</b>
Packaging appearance	Intact and undamaged		Intact and undamaged
Appearance	Red solid		Red solid
Weight/volume	5-5.3mg		5mg
molar extinction coefficient	$50000 \pm 5000$		54649
Purity	HPLC $\geq 95\%$ at 254nm $\geq 95\%$ at 507nm		$\geq 99.6\%$ at 254nm $\geq 100.0\%$ at 507nm
<b>Appendix</b>			
This Product has been tested and the components have been found to conform to UE quality standards.			
<b>Conclusion</b>	<b>Up to standard</b>	<b>Report Date</b>	<b>08-05-2024</b>
QC	<i>Chen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

