

# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB8621	
<b>Compound name</b>	Rhodamine phalloidin-TRITC	
<b>Chemical name</b>	7-[[[(4R)-5-[[[[[4-[3,6-Bis(dimethylamino)xanthylium-9-yl]-3-carboxyphenyl]amino]thioxomethyl]amino]-4-hydroxy-L-leucine]phalloidin	
<b>Batch number</b>	E2105-1-1	
<b>Batch molecular formula</b>	C <sub>60</sub> H <sub>70</sub> N <sub>12</sub> O <sub>13</sub> S <sub>2</sub>	
<b>Batch molecular weight</b>	1231.41	
Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >95% purity	Meets specification: 96.6%
<b>Mass spectrum</b>	Electrospray positive analysis consistent with structure	Meets specification
<b>Physical appearance</b>	Purple solid	Meets specification: Purple solid
<b>Solubility</b>	Soluble in methanol (2 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

13/10/2022

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