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## Certificate of Analysis

# Inhibitors • Screening Libraries • Proteins

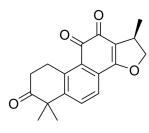
### MAPK-IN-1

Cat. No.:	HY-146195
CAS No.:	2470587-69-8
Batch No.:	313938
Chemical Name:	Phenanthro[1,2-b]furan-7,10,11(2H)-trione, 1,6,8,9-tetrahydro-1,6,6-trimethyl-, (1R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{19}H_{18}O_4$		
Molecular Weight:	310.34		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

### **Chemical Structure:**



### ANALYTICAL DATA

Appearance:	Orange to red (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	95.85%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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