

# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB3976	
<b>Compound name</b>	MK-571 sodium salt	
<b>Chemical name</b>	3-[[[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]]-[3-(dimethylamino)-3-oxopropyl]thio]methyl]thio]propanoic acid sodium salt	
<b>Batch number</b>	E1326-1-1	
<b>Batch molecular formula</b>	C <sub>26</sub> H <sub>26</sub> ClN <sub>2</sub> NaO <sub>3</sub> S <sub>2</sub>	
<b>Batch molecular weight</b>	537.10	
Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >97% purity	Meets specification
<b>NMR</b>	<sup>1</sup> H NMR consistent with structure	Meets specification
<b>Physical appearance</b>	Pale yellow to yellow solid	Meets specification: Pale yellow solid
<b>Solubility</b>	Soluble in water (20 mM), and in ethanol (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

26-02-20

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