## **Certificate of Analysis**

## Bisantrene (dihydrochloride)

Cat. No.: HY-100875A CAS No.: 71439-68-4 Batch No.: 248455

**Chemical Name:** 9,10-Anthracenedicarboxaldehyde, 9,10-bis[(4,5-dihydro-1H-imidazol-2-yl)hydrazone], hydrochl

oride (1:2)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{24}Cl_2N_8$ **Molecular Weight:** 471.39

Storage: 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## ANALYTICAL DATA

Brown to reddish brown (Solid) Appearance:

<sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.86%

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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