Certificate of Analysis

Daunomycinone

Cat. No.: HY-114658 CAS No.: 21794-55-8 Batch No.: 360859

Chemical Name: 5,12-Naphthacenedione, 8-acetyl-7,8,9,10-tetrahydro-6,8,10,11-tetrahydroxy-1-methoxy-, (8S,1

0S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{18}O_{8}$ **Molecular Weight:** 398.36

-20°C, protect from light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Orange to red (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.89%

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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