Certificate of Analysis

Monascorubrin

Cat. No.: HY-N8492 CAS No.: 13283-90-4 Batch No.: 267613

Chemical Name: 2H-Furo[3,2-g][2]benzopyran-2,9(9aH)-dione, 9a-methyl-3-(1-oxooctyl)-6-(1E)-1-propen-1-yl-, (9

aR)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{23}H_{26}O_5$ **Molecular Weight:** 382.45

-20°C, protect from light Storage:

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

Chemical Structure:

ANALYTICAL DATA

Yellow to orange (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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