Certificate of Analysis

Vinaxanthone

Cat. No.: HY-N9480 CAS No.: 133293-89-7 Batch No.: 321100

Chemical Name: 9H-Xanthene-1-carboxylic acid, 5,7-diacetyl-6-(5-carboxy-6,7-dihydroxy-4-oxo-4H-1-benzopyran

-3-yl)-2,3-dihydroxy-9-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{16}O_{14}$ **Molecular Weight:** 576.42

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 98.56%

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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