Certificate of Analysis



β-Hydroxyisovalerylshikonin

Cat. No.: HY-N4201 CAS No.: 7415-78-3 Batch No.: 90745

Chemical Name: Butanoic acid, 3-hydroxy-3-methyl-, (1R)-1-(1,4-dihydro-5,8-dihydroxy-1,4-dioxo-2-naphthalenyl

)-4-methyl-3-penten-1-yl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{24}O_7$ **Molecular Weight:** 388.41

4°C, protect from light Storage:

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

Chemical Structure:

ANALYTICAL DATA

Appearance: Brown to black (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.83%

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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