Certificate of Analysis

β,β-Dimethylacrylshikonin

Cat. No.: HY-N5112B CAS No.: 24502-79-2 Batch No.: 124629

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

yl-3-penten-1-yl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{22}O_6$ **Molecular Weight:** 370.40

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 reddish brown (Solid)

¹ H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (LCMS): 99.64%

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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