

## **Certificate of Analysis**

## **Valepotriate**

Cat. No.: HY-N0718 18296-44-1 CAS No .: Batch No.: 139185

**Chemical Name:** Butanoic acid, 3-methyl-, 1,1'-[(1S,2'R,6S,7aS)-4-[(acetyloxy)methyl]-6,7a-dihydrospiro[cyclope

nta[c]pyran-7(1H),2'-oxirane]-1,6-diyl] ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{30}O_{8}$ **Molecular Weight:** 422.47

-20°C, protect from light Storage:

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light brown to brown (Oil) <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.93%

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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