

# **Certificate of Analysis**

## Vincristine-d3-ester (sulfate)

Cat. No.: HY-N0488S1 CAS No .: 1217854-24-4 Batch No.: 152240

**Chemical Name:** Methyl (3aR,3a1R,4R,5S,5aR,10bR)-4-acetoxy-3a-ethyl-9-((3S,5S,7S,9S)-5-ethyl-5-hydroxy-9-((m

> ethoxy-d3)carbonyl)-1,4,5,6,7,8,9,10-octahydro-2H-3,7-methano[1]azacycloundecino[5,4-b]indo l-9-yl)-6-formyl-5-hydroxy-8-methoxy-3a,3a1,4,5,5a,6,11,12-octahydro-1H-indolizino[8,1-cd]car

bazole-5-carboxylate sulfate

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{46}H_{55}D_3N_4O_{14}S$ 

**Molecular Weight:** 926.05

-20°C, protect from light, stored under nitrogen Storage:

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

**Chemical Structure:** 

### ANALYTICAL DATA

Appearance: White to off-white (Solid) LCMS: Consistent with structure

**Purity:** ≥99.0% **Isotopic Enrichment:** 99.4%

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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