Inhibitors

## **Certificate of Analysis**

## Cyclosporin A acetate-d<sub>4</sub>

Cat. No.: HY-B0579S2 Batch No.: 343892

**Chemical Name:** (1R,2R,E)-1-((2S,5S,11S,14S,17S,20S,23R,26S,29S,32S)-5-Ethyl-11,17,26,29-tetraisobutyl-14,32-di

> isopropyl-1,7,10,16,20,23,25,28,31-nonamethyl-3,6,9,12,15,18,21,24,27,30,33-undecaoxo-1,4,7,1 0,13,16,19,22,25,28,31-undecaazacyclotritriacontan-2-yl)-2-methylhex-4-en-1-yl-5,6,6,6-d4 acet

ate

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{64}H_{109}D_4N_{11}O_{13}$ 

**Molecular Weight:** 1248.67

Storage: Powder -20°C 3 years

> In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity (HPLC): 99.90%

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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