## **Certificate of Analysis**

## Maribavir-d<sub>6</sub>

**Cat. No.:** HY-16305S **Batch No.:** 402754

Chemical Name: 1H-Benzimidazol-2-amine, 5,6-dichloro-N-(1-methylethyl)-1-β-L-ribofuranosyl-d6

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{15}H_{13}D_6Cl_2N_3O_4$ 

Molecular Weight: 382.27

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.75%
Isotopic Enrichment: 98.1%

**Additional Information:** d1=0.2%, d2=0.2%, d3=0.2%, d4=0.8%, d5=6.2%, d6=92.2%

**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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