## **Certificate of Analysis**

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

 Cat. No.:
 HY-A0020S

 Batch No.:
 283203

Chemical Name: Eldecalcitol-d6

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{30}H_{44}D_6O_5$  Molecular Weight: 496.75

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

\* 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)

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

LCMS: Consistent with structure

Purity (HPLC): 99.23%

**Isotopic Enrichment:** 94.26% (D1=0, D2=0, D3=0, D4=9.6%, D5=3.8%, D6=84.7%)

**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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