## **Certificate of Analysis**

## Torsemide-d<sub>7</sub>

 Cat. No.:
 HY-B0247S

 CAS No.:
 1189375-06-1

 Batch No.:
 294693

Chemical Name: N-[[(1-methylethyl-d7)amino]carbonyl]-4-[(3-methylphenyl)amino]-3-pyridinesulfonamide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{13}D_7N_4O_3S$ 

Molecular Weight: 355.46

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): 99.77%
Isotopic Enrichment: 99.99%
Assay(QNMR): 99.08%

**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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