## **Certificate of Analysis**

## Clozapine-d<sub>8</sub>

 Cat. No.:
 HY-14539S

 CAS No.:
 1185053-50-2

 Batch No.:
 233931

Chemical Name: 5H-Dibenzo[b,e][1,4]diazepine, 8-chloro-11-(4-methyl-1-piperazinyl-2,2,3,3,5,5,6,6-d8)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{11}D_8ClN_4$ 

Molecular Weight: 334.87

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.68%

**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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