# **Certificate of Analysis**

# tert-Butyl piperazine-1-carboxylate-2,2,3,3,5,5,6,6-d<sub>8</sub>

Cat. No.: HY-W454945S CAS No.: 1126621-86-0 Batch No.: 276362

**Chemical Name:** 1-Piperazine-2,2,3,3,5,5,6,6-d8-carboxylic acid, 1,1-dimethylethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{10}D_8N_2O_2$ Molecular Weight: 194.30

Storage: 4°C, protect from light

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to light yellow (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.48% **Isotopic Enrichment:** 95.30%

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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