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## Certificate of Analysis

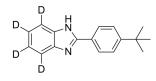
### ZLN005-d<sub>4</sub>

| Cat. No.:      | HY-17538S    |
|----------------|--------------|
| CAS No.:       | 2410443-42-2 |
| Batch No.:     | 275241       |
| Chemical Name: | ZLN005-d4    |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $\mathrm{C}_{17}\mathrm{H}_{14}\mathrm{D}_4\mathrm{N}_2$ |       |          |
|--------------------|--|-------|----------|
| Molecular Weight:  | 254.36   |       |          |
| 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):               | 99.52%  |
| Isotopic Enrichment:         | 100%  |
| 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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