Certificate of Analysis

ZLN005

Cat. No.: HY-17538 CAS No.: 49671-76-3 Batch No.: 263848

Chemical Name: 1H-Benzimidazole, 2-[4-(1,1-dimethylethyl)phenyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{18}N_2$ 250.34 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light brown (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.94%

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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