Certificate of Analysis

(R)-(+)-Dimethindene (maleate)

Cat. No.: HY-107647A

CAS No.: 136152-64-2

Batch No.: 250833

Chemical Name: 1H-Indene-2-ethanamine, N,N-dimethyl-3-[(1R)-1-(2-pyridinyl)ethyl]-, (2Z)-2-butenedioate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{28}N_2O_4$ Molecular Weight: 408.49

Storage: 4°C, stored under nitrogen, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Enantiomeric Excess: 99.13%
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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