Certificate of Analysis

BU224 (hydrochloride)

Cat. No.: HY-101170
CAS No.: 205437-64-5
Batch No.: 157454

Chemical Name: Quinoline, 2-(4,5-dihydro-1H-imidazol-2-yl)-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{12}CIN_3$ Molecular Weight: 233.70

Storage: 4°C, protect from light

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

Chemical Structure:

HCI HCI

ANALYTICAL DATA

Appearance: Brown to gray (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 96.35%

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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