

Certificate of Analysis

BMT-090605 (hydrochloride)

Cat. No.: HY-101290A CAS No.: 2231664-45-0 Batch No.: 231898

Chemical Name: Benzo[c][2,7]naphthyridine-9-carbonitrile, 8-[[(2S)-2-amino-4-methylpentyl]oxy]-5,6-dihydro-4,

6-dimethyl-5-oxo-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{21}\mathsf{H}_{25}\mathsf{CIN}_4\mathsf{O}_2$

Molecular Weight: 400.90

Storage: Powder 3 years -20°C

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

 NH_2 H-CI

ANALYTICAL DATA

Light yellow to yellow (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.09%

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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