## **Certificate of Analysis**

## Antalarmin (hydrochloride)

Cat. No.: HY-103377
CAS No.: 220953-69-5
Batch No.: 240460

Chemical Name: 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, N-butyl-N-ethyl-2,5,6-trimethyl-7-(2,4,6-trimethylphenyl)-,

hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{24}H_{35}ClN_4$  Molecular Weight: 415.01

Storage: -20°C, sealed storage, away from moisture

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to light yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.87%

**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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