Inhibitors

## **Certificate of Analysis**

## (Rac)-Modipafant

Cat. No.: HY-108908 CAS No.: 122956-68-7 Batch No.: 155863

**Chemical Name:** 3-Pyridinecarboxylic acid, 4-(2-chlorophenyl)-1,4-dihydro-6-methyl-2-[4-(2-methyl-1H-imidazo[

4,5-c]pyridin-1-yl)phenyl]-5-[(2-pyridinylamino)carbonyl]-, ethyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C34H29ClN6O3

**Molecular Weight:** 605.09

Storage: Powder -20°C 3 years

2 years

In solvent -80°C 6 months

> -20°C 1 month

**Chemical Structure:** 

**ANALYTICAL DATA** 

Appearance: Light yellow to yellow (Solid)

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

Purity (HPLC): 98.15%

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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