

## **Certificate of Analysis**

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**Product Name** : IRAK-1-4 Inhibitor I

Cat. No. : PC-43498 CAS No. : 509093-47-4 : PC-4349801 Batch No.

Chemical Name : Benzamide, N-[1-[2-(4-morpholinyl)ethyl]-1H-benzimidazol-2-yl]-3-nitro-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight :

 $\begin{tabular}{ll} \textbf{Molecular Formula} & : & $C_{20}H_{21}N_5O_4$ \\ \end{tabular}$ 

Storage -20°C 3 years : Powder

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure :** 

## **ANALYTICAL DATA**

Appearance : Solid powder <sup>1</sup>H NMR Spectrum : Consistent with **HPLC** : Consistent with NP : Consistent with : >98% Purity (HPLC)

Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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