

## **Certificate of Analysis**

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 Product Name
 : YM-155

 Cat. No.
 : PC-42439

 CAS No.
 : 781661-94-7

 Batch No.
 : PC-4243901

Chemical Name : 1H-Naphth[2,3-d]imidazolium, 4,9-dihydro-1-(2-methoxyethyl)-2-methyl-4,9-dioxo-3-(2-

pyrazinylmethyl)-, bromide (1:1)

## **PHYSICAL AND CHEMICAL PROPERTIES**

 $\begin{array}{lll} \textbf{Molecular Weight} & \textbf{:} & 443.2939 \\ \textbf{Molecular Formula} & \textbf{:} & C_{20} H_{19} Br N_4 O_3 \\ \end{array}$ 

**Storage** : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure :** 

## **ANALYTICAL DATA**

Appearance:Solid powder¹H NMR Spectrum:Consistent withHPLC:Consistent withNP:Consistent with

**Purity (HPLC)** : >98%

**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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