

## **Certificate of Analysis**

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**Product Name** : cRIPGBM chloride

 Cat. No.
 : PC-36133

 CAS No.
 : 2361988-77-2

 Batch No.
 : PC-3613301

 $\textbf{Chemical Name} \qquad \textbf{:} \quad O = C(C1 = C2[N+](CC3 = CC = C(F)C = C3) = C(C)N1CC4 = CC = CC = C4)C5 = C(C = CC = C5)C2 = O.[Cl = C2[N+](CC3 = CC = C(F)C = C3) = C(C)N1CC4 = CC = CC = C4)C5 = C(C = CC = C5)C2 = O.[Cl = C2[N+](CC3 = CC = CC)C3 = C(C)N1CC4 = CC = CC = C4)C5 = C(C = CC = C5)C2 = O.[Cl = C2[N+](CC3 = CC = C4)C5 = C(C)N1CC4 = CC = CC = C4)C5 = C(C)C3 = C4)C5 = C4)$ 

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## **PHYSICAL AND CHEMICAL PROPERTIES**

Molecular Weight : 446.90

 $\begin{tabular}{ll} \textbf{Molecular Formula} & : & $C_{26}H_{20}CIFN_2O_2$ \\ \end{tabular}$ 

**Storage** : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 1 Month

Chemical Structure :

CÎ N

## **ANALYTICAL DATA**

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

Purity (HPLC and/or LCMS) : >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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