

## **Certificate of Analysis**

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 Product Name
 : Grapiprant

 Cat. No.
 : PC-45077

 CAS No.
 : 415903-37-6

 Batch No.
 : PC-4507701

Chemical Name : Benzenesulfonamide, N-[[[2-[4-(2-ethyl-4,6-dimethyl-1H-imidazo[4,5-c]pyridin-1-

yl)phenyl]ethyl]amino]carbonyl]-4-methyl-

## **PHYSICAL AND CHEMICAL PROPERTIES**

 $\begin{array}{lll} \textbf{Molecular Weight} & \textbf{:} & 491.6052 \\ \textbf{Molecular Formula} & \textbf{:} & C_{26}H_{29}N_5O_3S \\ \end{array}$ 

**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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