

## **Certificate of Analysis**

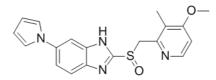
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| Product Name  | : Ilaprazole   |
|---------------|--|
| Cat. No.      | : PC-42413   |
| CAS No.       | : 172152-36-2  |
| Batch No.     | : PC-4241301   |
| Chemical Name | : 1H-Benzimidazole, 2-[[(4-methoxy-3-methyl-2-pyridinyl)methyl]sulfinyl]-6-(1H-pyrrol-1-yl)- |

## PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight   | : 366.43682   |                 |
|--------------------|---|-----------------|
| Molecular Formula  | : C <sub>19</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub> S |                 |
| Storage            | : Powder  | -20°C 12 Months |
|                    |   | 4°C 6 Months    |
|                    | In solvent  | -80°C 6 Months  |
|                    |   | -20°C 6 Months  |
| Chemical Structure | :   |                 |



| ANALYTICAL DATA             |   |
|-----------------------------|---|
| Appearance                  | : Solid powder  |
| <sup>1</sup> H NMR Spectrum | : Consistent with   |
| HPLC                        | : Consistent with   |
| NP                          | : 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! E-mail: tech@probechem.com