

## **Certificate of Analysis**

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 Product Name
 : UCB-5307

 Cat. No.
 : PC-49445

 CAS No.
 : 1515887-44-1

 Batch No.
 : PC-4944501

 $\textbf{Chemical Name} \qquad \textbf{:} \quad 1-[(2,5-Dimethylphenyl)methyl]-\alpha-4-pyridinyl-1H-benzimidazole-2-methanol$ 

## PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{tabular}{ll} \textbf{Molecular Weight} & : & 343.42 \\ \textbf{Molecular Formula} & : & $C_{22}H_{21}N_3O$ \\ \end{tabular}$ 

**Storage** : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 1 Month

**Chemical Structure** 

OH OH

## **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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