Certificate of Analysis

ML148

Cat. No.: HY-123548
CAS No.: 451496-96-1
Batch No.: 212197

Chemical Name: Methanone, [1-(3-methylphenyl)-1H-benzimidazol-5-yl]-1-piperidinyl-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular Formula: C20H21N30} \mbox{Molecular Formula: } \mbox{C}_{20}\mbox{H}_{21}\mbox{N}_{3}\mbox{O}$ $\mbox{Molecular Weight: } \mbox{319.40}$

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\bigcap_{N} \bigcap_{N} \bigcap_{N}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.89%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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