Certificate of Analysis

TMX-4100

Cat. No.: HY-145321
CAS No.: 2367619-63-2
Batch No.: 141638

Chemical Name: 2,6-Piperidinedione, 3-[4-(3-thienyl)-1H-1,2,3-triazol-1-yl]-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_of_section} \mbox{Molecular Formula:} \qquad \qquad \mbox{C_{11}H$}_{10}\mbox{$N_4O}_2\mbox{S}$

Molecular Weight: 262.29

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.42%

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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