Certificate of Analysis

PqsR/LasR-IN-3

Cat. No.: HY-146329

CAS No.: 2581109-51-3

Batch No.: 256552

Chemical Name: Butanamide, 4-(phenylsulfonyl)-N-(tetrahydro-2-oxo-3-furanyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{17}NO_5S$ Molecular Weight: 311.35

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

Purity (HPLC): 99.82%

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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