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# Certificate of Analysis

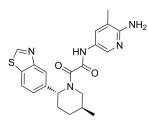
## **TNG908**

| Cat. No.:      | HY-148419  |
|----------------|--|
| CAS No.:       | 2760481-53-4   |
| Batch No.:     | 273911   |
| Chemical Name: | $1-Piperidine a cetamide, N-(6-amino-5-methyl-3-pyridinyl)-2-(5-benzothiazolyl)-5-methyl-\alpha-oxo-,\\$ |
|                | (2R,5S)-   |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{21}H_{23}N_5O_2S$ |       |          |
|--------------------|-----------------------|-------|----------|
| Molecular Weight:  | 409.50                |       |          |
| 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)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (HPLC):               | 98.89%  |
| 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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