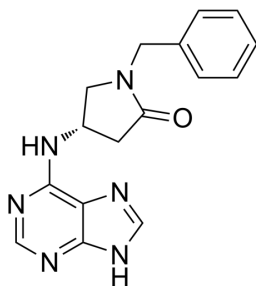


## Certificate of Analysis

**Product Name:** Benpyrine  
**Cat. No.:** CS-0133455  
**CAS No.:** 2550398-89-3  
**Batch No.:** 99363  
**Chemical Name:** 2-Pyrrolidinone, 1-(phenylmethyl)-4-(9H-purin-6-ylamino)-, (4S)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>16</sub>H<sub>16</sub>N<sub>6</sub>O  
**Molecular Weight:** 308.34  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (HPLC):** 99.26%  
**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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