

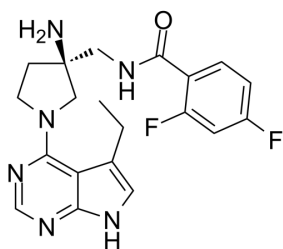
## Certificate of Analysis

**Product Name:** PF-AKT400  
**Cat. No.:** HY-10721  
**CAS No.:** 1004990-28-6  
**Batch No.:** 17859  
**Chemical Name:** Benzamide, N-[[[(3S)-3-amino-1-(5-ethyl-7H-pyrrolo[2,3-d]pyrimidin-4-yl)-3-pyrrolidinyl]methyl]-2,4-difluoro-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>20</sub>H<sub>22</sub>F<sub>2</sub>N<sub>6</sub>O  
**Molecular Weight:** 400.43  
**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  
**Purity (HPLC):** 95.75%  
**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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