

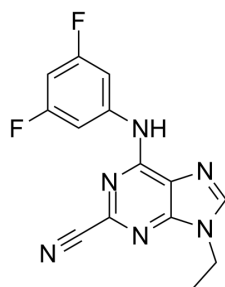
## Certificate of Analysis

**Product Name:** Cruzain-IN-1  
**Cat. No.:** HY-10836  
**CAS No.:** 1199523-24-4  
**Batch No.:** 33993  
**Chemical Name:** 9H-Purine-2-carbonitrile, 6-[(3,5-difluorophenyl)amino]-9-ethyl-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>14</sub>H<sub>10</sub>F<sub>2</sub>N<sub>6</sub>  
**Molecular Weight:** 300.27  
**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 (LCMS):** 99.94%  
**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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