

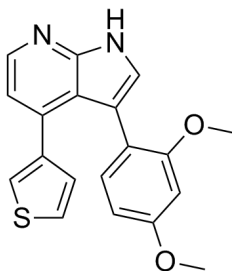
## Certificate of Analysis

**Product Name:** ARN-3236  
**Cat. No.:** HY-120856  
**CAS No.:** 1613710-01-2  
**Batch No.:** 39089  
**Chemical Name:** 1H-Pyrrolo[2,3-b]pyridine, 3-(2,4-dimethoxyphenyl)-4-(3-thienyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>19</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>S  
**Molecular Weight:** 336.41  
**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):** 98.12%  
**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.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA