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## Certificate of Analysis

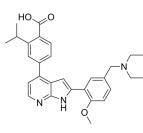
### TCMDC-135051

| Cat. No.:      | HY-126323  |
|----------------|--|
| CAS No.:       | 2413716-15-9   |
| Batch No.:     | 385666   |
| Chemical Name: | Benzoic acid, 4-[2-[5-[(diethylamino)methyl]-2-methoxyphenyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]-2 |
|                | -(1-methylethyl)-  |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C <sub>29</sub> H <sub>33</sub> N <sub>3</sub> O <sub>3</sub> |       |          |
|--------------------|---|-------|----------|
| Molecular Weight:  | 471.59  |       |          |
| Storage:           | Powder  | -20°C | 3 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):               | 99.90%  |
| 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