

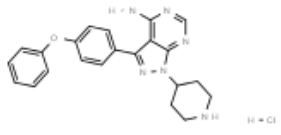
## Certificate of Analysis

|        |   |
|--------|---|
| Target | Inhibitors & Agonists>>Tyrosine Kinase>>BTK |
| Cat.No | DC40447                                     |
| Name   | N-piperidine Ibrutinib hydrochloride        |

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## Chemical Properties

|           |   |
|-----------|---|
| CAS       | 2231747-18-3  |
| Formula   | C <sub>22</sub> H <sub>23</sub> CLN <sub>6</sub> O  |
| MW        | 422.91  |
| Storage   | Please store the product under the recommended conditions in the Certificate of Analysis.   |
| Structure |  <p>The image shows the chemical structure of N-piperidine Ibrutinib hydrochloride. It consists of a piperidine ring connected to a pyridine ring, which is further substituted with a benzimidazole ring system and a 4-chlorophenyl group. The hydrochloride salt is indicated by 'H = Cl'.</p> |
| Purity    | >98%  |

**Website:**  
www.dcchemicals.com