



## Certificate of Analysis

|              |         |
|--------------|---------|
| Product Name | TAK-632 |
| Catalog No.  | V1012   |
| Batch No.    | V101201 |

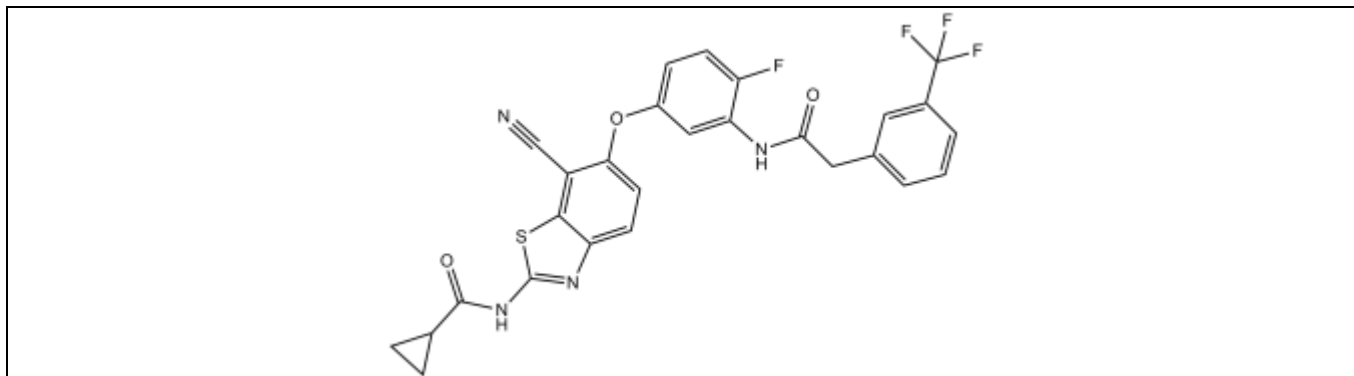
### 1. Physical and Chemical Properties

|                   |  |
|-------------------|--|
| Appearance        | Powder   |
| Molecular Formula | C <sub>27</sub> H <sub>18</sub> F <sub>4</sub> N <sub>4</sub> O <sub>3</sub> S |
| Molecular Weight  | 554.52   |
| Purity            | ≥99.0%   |
| CAS No.           | 1228591-30-7   |

### 2. Analytical Data

|               |                           |
|---------------|---------------------------|
| HPLC          | Indicates ≥99.0% purity   |
| NMR           | Consistent with structure |
| Mass Spectrum | Consistent with structure |

### 3. Structure



### 4. Storage Condition

|                            |                              |
|----------------------------|------------------------------|
| Short term storage (weeks) | 0 - 4 °C under dry condition |
| Long term storage (months) | -20 °C under dry condition   |

Products are for research use only • Not for human or veterinary use