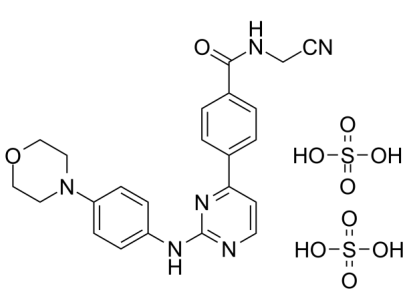


## Certificate of Analysis

|                |                     |
|----------------|---------------------|
| Catalog Number | BP10088             |
| Product Name   | Momelotinib sulfate |

## Physical and Chemical Properties

|  |  |
|--|--|
| Synonyms                                 | CYT387 sulfate salt  |
| CAS No.                                  | 1056636-06-6   |
| Chemical Formula                         | C <sub>23</sub> H <sub>26</sub> N <sub>6</sub> O <sub>10</sub> S <sub>2</sub>        |
| Molecular Weight                         | 610.61   |
| Solubility                               | DMSO: 6.2 mg/mL (10.15 mM)   |
| Storage                                  | Powder: -20°C for 2 years<br>In solvent: -80°C for 1 year                            |
| Chemical Structure<br>OR<br>Tested Image |  |

## Product Information

|             |   |
|-------------|---|
| Description | Momelotinib sulfate is an ATP-competitive JAK1/JAK2 inhibitor (IC <sub>50</sub> : 11 nM/18 nM). It has 10-fold selectivity versus JAK3. |
|-------------|---|

|              |  |
|--------------|--|
| Targets&IC50 | JAK2: 18 nM, JAK1: 11 nM, JAK3: 155 nM |
|--------------|--|

## Analytical Data

|                                 |  |
|---------------------------------|--|
| HPLC                            | Shows Min >99% purity  |
| H-NMR                           | Consistent with structure  |
| Stability and Solubility Advice | Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details. |

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