

# Certificate of Analysis

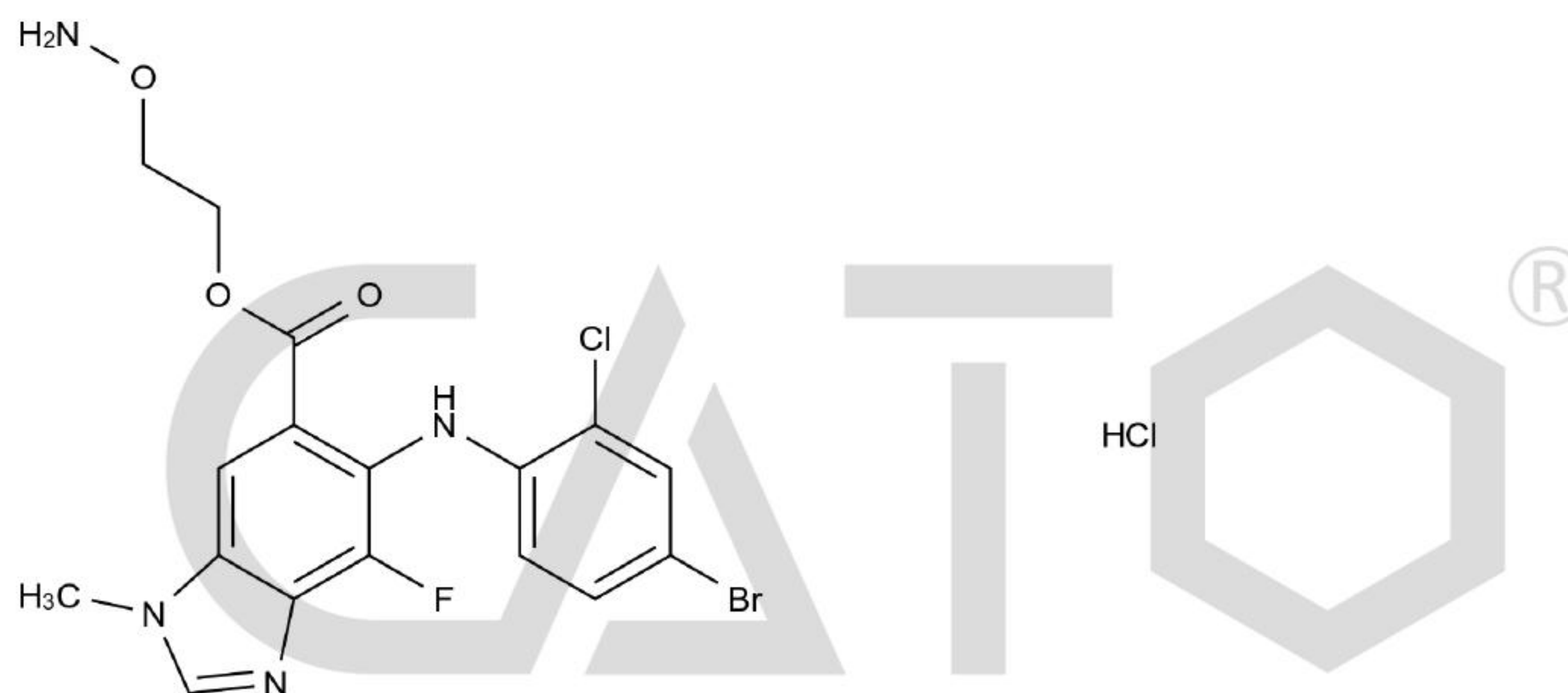
## Reference Material & Standard

|                           |                                                                        |                            |                                           |
|---------------------------|------------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Selumetinib Impurity 4                                                 | <b>Catalogue Number:</b>   | C4X-30534                                 |
| <b>Synonyms:</b>          | N/A                                                                    | <b>Lot Number:</b>         | 0112-RH-0047                              |
| <b>CAS Number:</b>        | N/A                                                                    | <b>Expiry Date:</b>        | Jan 18, 2030                              |
| <b>Molecular Formula:</b> | C <sub>17</sub> H <sub>15</sub> BrClFN <sub>4</sub> O <sub>3</sub> HCl | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 457.68 36.46                                                           | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

**Warning:**



**Chemical Structure:**



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | Yellow Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed    |
| Purity         | HPLC              | 95.5%        |
| Assay          | qNMR              | 90.5%        |

**Signature:**

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jan 20, 2026

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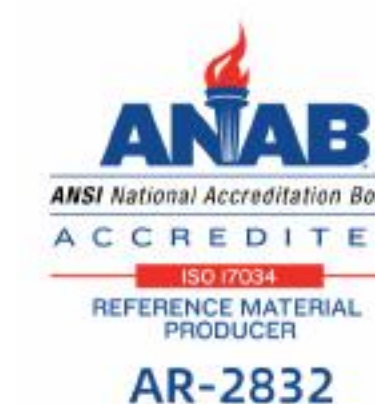
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