

Analysis Date: 29-12-2025

Re-test Date: 29-12-2028

## ABEMACICLIB IMPURITY 34

### Identification

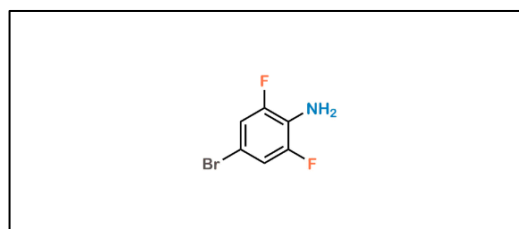
Chemical Name : 4-Bromo-2,6-difluoroaniline

CAT No : ALL-A07543

CAS No : 67567-26-4

Molecular Formula : C<sub>6</sub>H<sub>4</sub>BrF<sub>2</sub>N

Molecular Weight : 208.0



### Analytical Information

|                       |                                   |                     |           |
|-----------------------|-----------------------------------|---------------------|-----------|
| Batch No.             | : ALL-A07543                      | HPLC Purity         | : 98.00%  |
| Solubility            | : USP Diluent / EP Diluent (MEOH) | Potency             | : 97.15%  |
| Appearance of Product | : Off White Solid                 | Mass                | : Confirm |
| Long Term Storage     | : -20°C                           | IR Analysis         | : Confirm |
| Weight Loss By TGA    | : 0.452%                          | <sup>1</sup> H NMR  | : Confirm |
| Residue Of Ignition   | : 0.415 %                         | <sup>13</sup> C NMR | : Confirm |

### Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.452+0.415) × 98.00]/100 = 97.15%

Recommendation : Released

|                          | Department | Name                               | Signature |
|--------------------------|------------|------------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Mr. Vipul Khadase<br>Jr. Executive |           |
| Approved By              | QA&QC      | Dr. Ashish Keche<br>Director QA&QC |           |

Attachment : HPLC, Mass, 1H NMR, IR, TGA, 13C NMR, UV REPORT

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office