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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

**Product Name: Nilotinib EP Impurity A**

### Identification:

Chemical Name: 3-(4-methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)aniline

Synonyms : Nilotinib USP Related Compound  
A ; Nilotinib Amino Impurity

CAS Number : 641571-11-1

CAT Number : CP-N11001

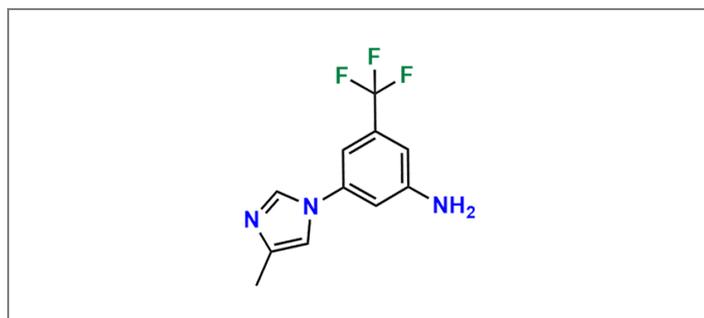
Molecular Formula : C<sub>11</sub>H<sub>10</sub>F<sub>3</sub>N<sub>3</sub>

Molecular Weight : 241.22

Batch Number : CP-NIL-A-0724

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is  
mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White to off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.87%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.104%



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.