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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

**Product Name: Febuxostat Ethyl ester impurity**

### Identification:

Chemical Name: ethyl 2-(3-cyano-4-isobutoxyphenyl)-4-methylthiazole-5-carboxylate

Synonyms : Febuxostat Ethyl Ester

CAS Number : 160844-75-7

CAT Number : CP-F7011

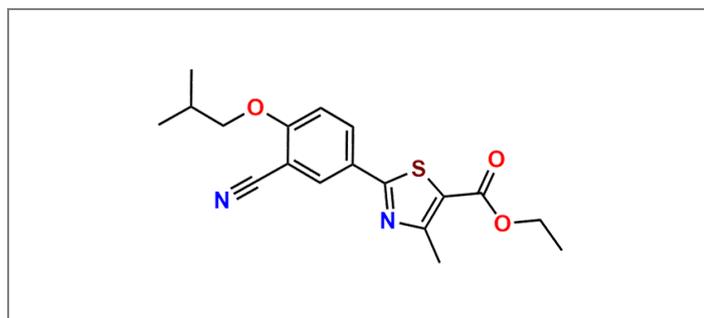
Molecular Formula : C<sub>18</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight : 344.43

Batch Number : CHEM-FEB-EE

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 Solid
2)	Solubility	Soluble in ACN
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.76%
5)	1HNMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure



### 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.