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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2026

**Product Name: 3-Descyano-3-formyl Febuxostat**

### Identification:

Chemical Name: 2-(3-Formyl-4-isobutoxyphenyl)-4-methylthiazole-5-carboxylic acid

Synonyms : Febuxostat Formyl Impurity

CAS Number : 144060-62-8

CAT Number : CP-F7015

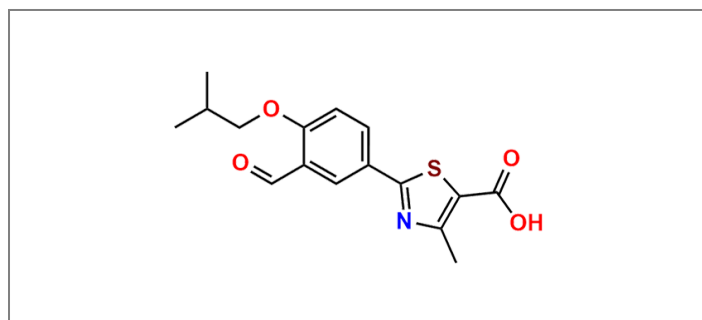
Molecular Formula : C<sub>16</sub>H<sub>17</sub>N<sub>1</sub>O<sub>4</sub>S

Molecular Weight : 319.38

Batch Number : CP-FEB-DES-03-0523

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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.72%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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