

# CERTIFICATE OF ANALYSIS

(Certificate No. KMF019072-01)

Release Date: 10/02/2025

Re-test Date: 09/02/2028

## Oxime Impurity of FBT-III

### Identification

**Chemical Name :**

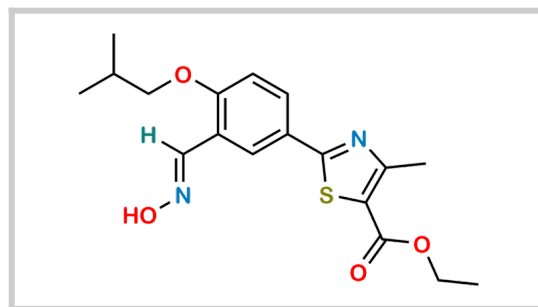
Ethyl (E)-2-(3-((hydroxyimino)methyl)-4-isobutoxyphenyl)-4-methylthiazole-5-carboxylate

CAT No. : KMF019072

CAS No. : 1271738-74-9

Molecular Formula : C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>S

Molecular Weight : 362.5



### Analytical Information

Batch No. : F019072-091-212

Description : Off White Solid

HPLC Purity : 97.02 %

Weight Loss By TGA : 0.16 %

% Potency : 96.86 %

Solubility : \*Refer in Additional information

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.16(Weight Loss By TGA)] x [97.02(HPLC Purity)]/100 = 96.86 %

\*Solubility: Insoluble in Water and Freely Soluble in 10mg/4 ml methanol

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/02/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA