

CERTIFICATE OF ANALYSIS

(Certificate No. KMF019038-01)

Release Date: 04/03/2025

Re-test Date: 03/03/2028

Ethyl 2-(3-Formyl-4-hydroxyphenyl)-4-methylthiazole-5-carboxylate

Identification

Chemical Name :

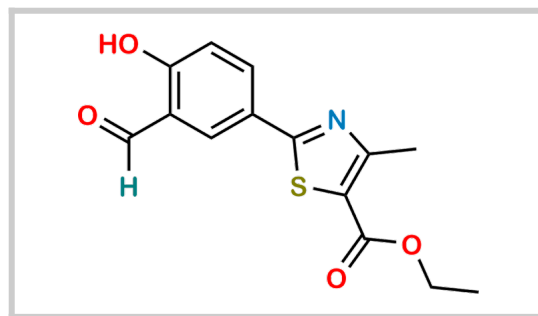
Ethyl 2-(3-formyl-4-hydroxyphenyl)-4-methylthiazole-5-carboxylate

CAT No. : KMF019038

CAS No. : 161798-01-2

Molecular Formula : C₁₄H₁₃NO₄S

Molecular Weight : 291.3



Analytical Information

Batch No. : F019038-091-239

Description : Light Brown Solid

HPLC Purity : 97.47 %

Weight Loss By TGA : 0.91 %

% Potency : 96.58 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H 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 - 0.91(Weight Loss By TGA)] x [97.47(HPLC Purity)]/100 = 96.58 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 04/03/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 04/03/2025 |

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA