

CERTIFICATE OF ANALYSIS

(Certificate No. KMP035029-01)

Release Date: 09/05/2026

Re-test Date: 08/05/2029

Carbethoxypiperidine Impurity

Identification

Chemical Name :

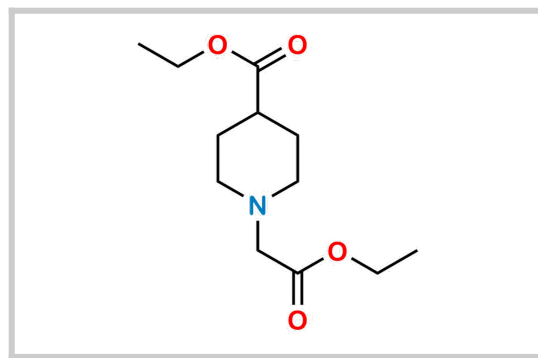
Ethyl 1-(2-ethoxy-2-oxoethyl)piperidine-4-carboxylate

CAT No. : KMP035029

CAS No. : 1838-39-7

Molecular Formula : C₁₂H₂₁NO₄

Molecular Weight : 243.3



Analytical Information

Batch No. : P035029-114-312

Description : Light Brown Liquid

GC Purity : 99.66 %

Weight Loss By TGA : 0.49 %

% Potency : 99.17 %

Solubility : Methanol

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 - 0.49(Weight Loss By TGA)] x [99.66(GC Purity)]/100 = 99.17 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		09/05/2026

Attachments : COA, GC, MASS, ¹H NMR, IR and TGA