

CERTIFICATE OF ANALYSIS

(Certificate No. KMK001002-01)

Release Date: 20/02/2024

Re-test Date: 19/02/2027

Ketorolac EP Impurity J

Identification

Chemical Name :
ethyl 5-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylate

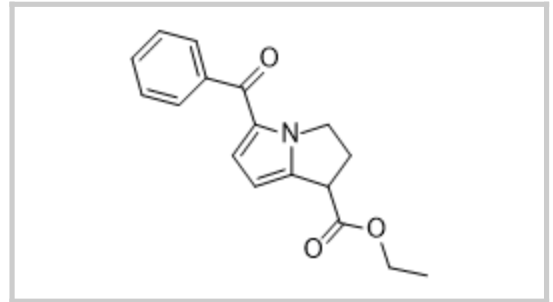
Alt. Name : ethyl 5-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylate

CAT No. : KMK001002

CAS No. : 108061-03-6

Molecular Formula : C₁₇H₁₇NO₃

Molecular Weight : 283.32



Analytical Information

Batch No. : KET-EPJ-073-079

Solubility : ACN

Description : Off White Solid

Mass : Confirm

HPLC Purity : 98.51 %

IR : Confirm

Weight Loss By TGA : 0.05 %

¹H NMR : Confirm

% Potency : 98.46 %

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 - 0.05(Weight Loss By TGA)] x [98.51(HPLC Purity)]/100 = 98.46 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		20/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/02/2024

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