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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ketorolac EP Impurity J**

### Identification:

Chemical Name: Ethyl (1R)-5-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylate

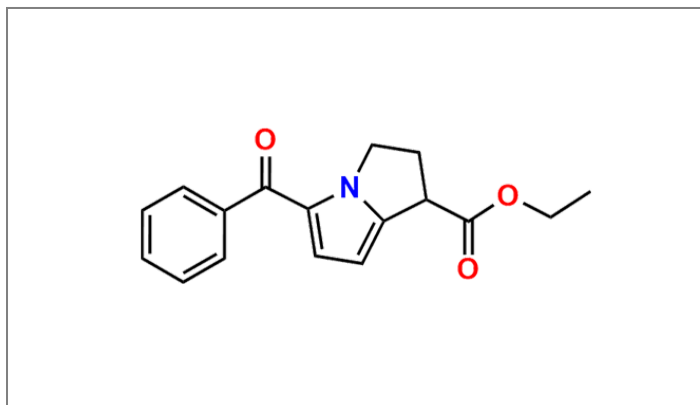
Synonyms : Ketorolac Ethyl Ester

CAS Number : 108061-03-6

CAT Number : CP-K4010

Molecular Formula : C<sub>17</sub>H<sub>17</sub>NO<sub>3</sub>

Molecular Weight : 283.33



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.