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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ketorolac EP Impurity I**

### Identification:

Chemical Name: Phenyl(2,3-dihydro-1H-pyrrolizin-5-yl)methanone (as per EP)

Synonyms : Ketorolac USP Related  
Compound D ; 1-Decarboxy  
Ketorolac

CAS Number : 113502-55-9

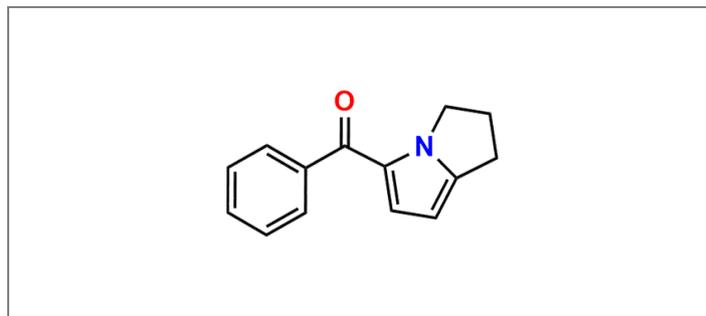
CAT Number : CP-K4009

Molecular Formula : C<sub>14</sub>H<sub>13</sub>NO

Molecular Weight : 211.26

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### 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)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



#### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

#### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.