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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Etodolac EP Impurity C

Identification:

Chemical Name: (1R)-8-ethyl-1-methyl-1,3,4,9-tetrahydropyrano[3,4-b]indol-1-yl]acetic acid (as per EP)

Synonyms : Etodolac USP Related
Compound A ; Entecavir USP
Impurity I ; 1-Methyl Etodolac

CAS Number : 109518-47-0

CAT Number : CP-E15003

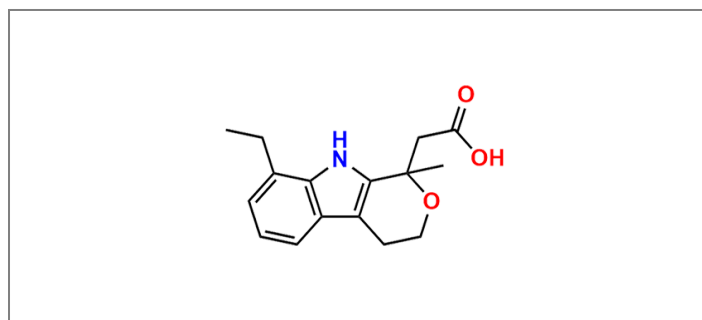
Molecular Formula : C₁₆H₁₉NO₃

Molecular Weight : 273.3

Batch Number : CHEM-ETO-C

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	White solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.40%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.56%
9)	Potency by TGA	98.84%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

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