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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Meloxicam EP Impurity D**

### Identification:

Chemical Name: (Z)-N-(3-ethyl-5-methylthiazol-2(3H)-ylidene)-4-hydroxy-2-methyl-2H-benzo[e][1,2]thiazine-3-carboxamide 1,1-dioxide

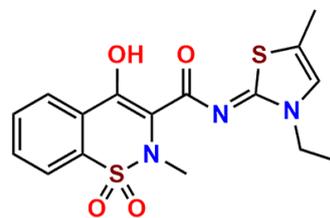
Synonyms : Meloxicam USP Related  
Compound D ; Ethyl-meloxicam  
(USP)

CAS Number : 1331636-17-9

CAT Number : CP-M2004

Molecular Formula : C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>S<sub>2</sub>

Molecular Weight : 379.46



### 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)	Weight loss by TGA	-
7)	Potency by TGA	-



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

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