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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

**Product Name: Piroxicam EP Impurity D**

### Identification:

Chemical Name: Methyl (1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)acetate

Synonyms : Piroxicam USP Related  
Compound D

CAS Number : 6639-62-9

CAT Number : CP-P22004

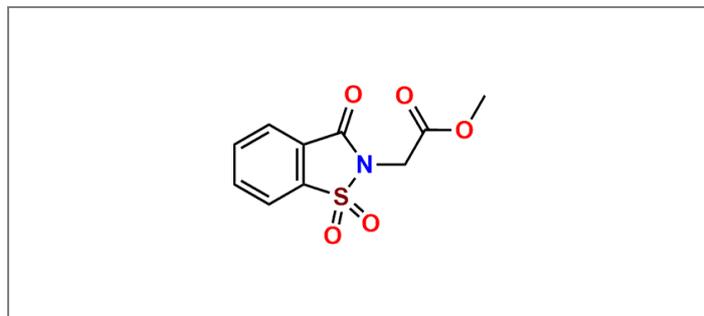
Molecular Formula : C<sub>10</sub>H<sub>9</sub>NO<sub>5</sub>S

Molecular Weight : 255.24

Batch Number : CP-25-222

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	98.42%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	Weight loss by TGA	0.169%
7)	Potency by TGA	98.25%



### 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.