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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

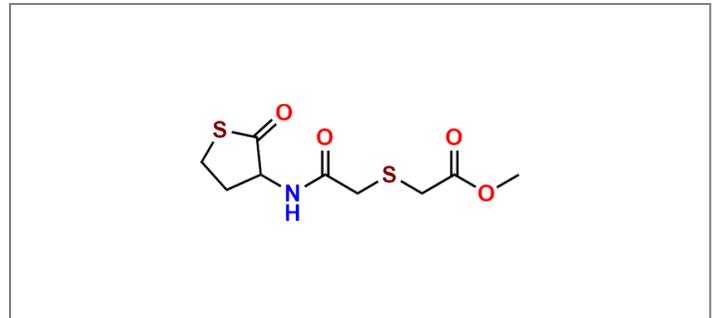
Re-test Date: Oct 2027

**Product Name: Erdosteine Methyl Ester**

### Identification:

Chemical Name: Methyl 2-((2-oxo-2-((2-oxotetrahydrothiophen-3-yl)amino)ethyl)thio)acetate

Synonyms : NA  
CAS Number : 1667709-77-4  
CAT Number : CP-E38002  
Molecular Formula : C<sub>9</sub>H<sub>13</sub>NO<sub>4</sub>S<sub>2</sub>  
Molecular Weight : 263.33  
Batch Number : CP-ERD-ME-1024



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        | Light Yellow to Yellow Oil |
| 2)      | Solubility         | Soluble in Methanol/DMSO   |
| 3)      | MASS By LCMS       | Confirm to structure       |
| 4)      | Purity By HPLC     | 97.56%                     |
| 5)      | H1NMR              | Confirm to structure       |
| 6)      | 13CNMR             | Confirm to Structure       |
| 7)      | Weight loss by TGA | 3.486%                     |
| 8)      | Potency by TGA     | 94.07%                     |



**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.