Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
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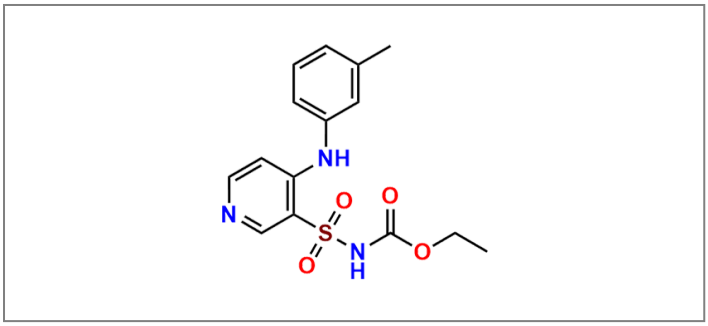
# CERTIFICATE OF ANALYSIS

Analysis Date: Re-test Date:

**Product Name: Torasemide EP Impurity E**

**Identification:**

Chemical Name: Ethyl [[4-[(3-methylphenyl)amino]pyridin-3-yl]sulfonyl]carbamate



| | | |
|---|---|---|
| Synonyms | : | Torsemide USP Related Compound D ; Torsemide Ethyl Carbamate (USP) |
| CAS Number | : | 72810-57-2 |
| CAT Number | : | CP-T27005 |
| Molecular Formula | : | C15H17N3O4S |
| Molecular Weight | : | 335.38 |
| 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 Spectrometry | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | 1HNMR | Confirm to structure |
| 6) | Weight loss by TGA | - |
| 7) | Potency | - |

**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.