

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  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2023

Re-test Date: Dec 2025

**Product Name: Metronidazole EP impurity F**

### Identification:

Chemical Name: 2-(2-(2-methyl-5-nitro-1H-imidazol-1-yl)ethoxy)ethanol

Synonyms : O-Hydroxyethyl Metronidazole

CAS Number : 16156-94-8

CAT Number : CP-M18006

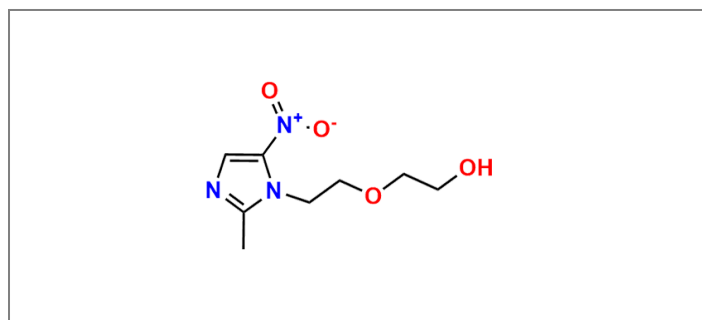
Molecular Formula : C<sub>8</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight : 215.21

Batch Number : CHEM-MET-F

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	Off-White to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/CDCl <sub>3</sub>
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.59%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**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.