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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

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

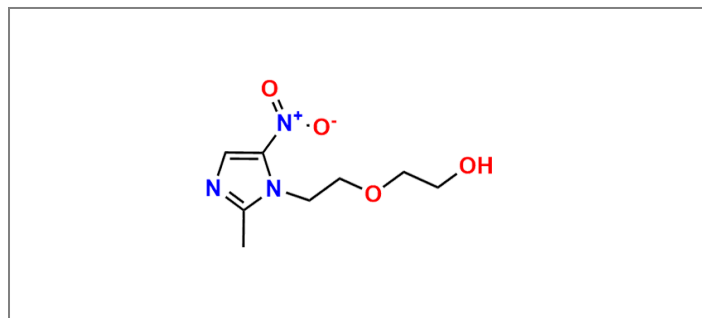
Molecular Formula : C₈H₁₃N₃O₄

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 ₃
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.46%
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.