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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

**Product Name: Mirabegron EP Impurity I**

### Identification:

Chemical Name: N1-[(Ethylimino)methylidene]-N3,N3-dimethylpropan-1,3-diamine

Synonyms : NA

CAS Number : 1892-57-5

CAT Number : CP-M21028

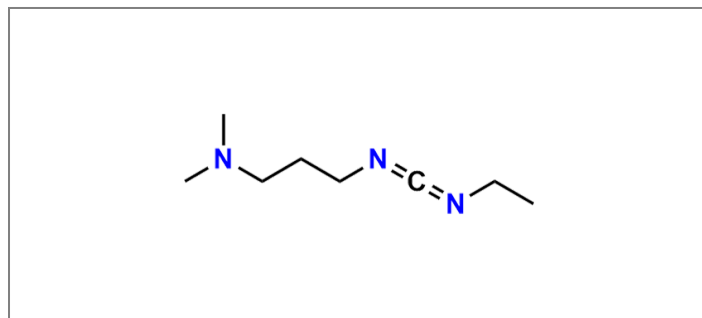
Molecular Formula : C<sub>8</sub>H<sub>17</sub>N<sub>3</sub>

Molecular Weight : 155.25

Batch Number : CP-MIR-I-0125

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Colorless Liquid but it gets solidify at low temperature
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	92.15%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.580 %
8)	Potency by TGA	91.61%



**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.