

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 2026

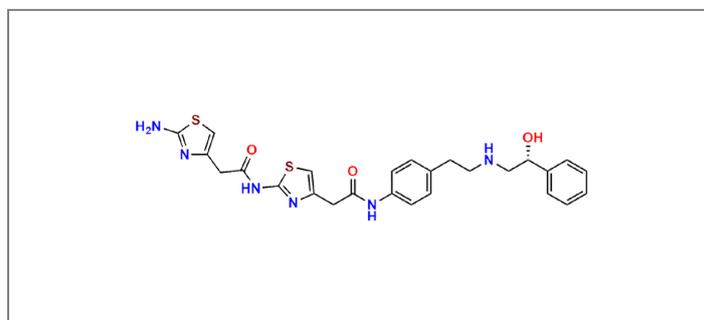
Re-test Date: Dec 2028

**Product Name: Mirabegron EP Impurity D**

### Identification:

Chemical Name: (R)-2-(2-Aminothiazol-4-yl)-N-(4-(2-((4-(2-((2-hydroxy-2-phenylethyl)amino)ethyl)phenyl)amino)-2-oxoethyl)thiazol-2-yl)acetamide

Synonyms : NA  
CAS Number : 2489747-26-2  
CAT Number : CP-M21004  
Molecular Formula : C<sub>26</sub>H<sub>28</sub>N<sub>6</sub>O<sub>3</sub>S<sub>2</sub>  
Molecular Weight : 536.67  
Batch Number : CP-MIR-D-0324  
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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.85%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to structure
7)	IR	Confirm to structure



### 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.