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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2022

Re-test Date: Jul 2025

**Product Name: Mirabegron Impurity B**

### Identification:

Chemical Name: 4-Thiazoleacetamide,2-amino-N-[4-[2-[[[(2R)-2-hydroxy-2-phenylacetyl]amino]ethyl]phenyl]

Synonyms : Mirabegron 2-Oxo Impurity

CAS Number : 1684453-05-1

CAT Number : CP-M21005

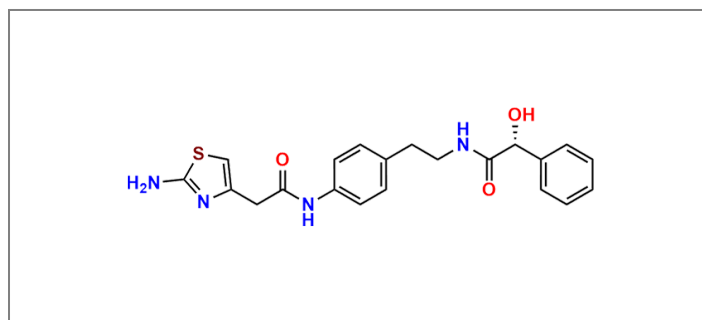
Molecular Formula : C<sub>21</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>S

Molecular Weight : 410.49

Batch Number : CHEM-MIR-B

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.85%
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.