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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2022

Re-test Date: Feb 2025

**Product Name: Mirabegron Impurity A**

### Identification:

Chemical Name: 2-(2-Aminothiazol-4-yl)acetic acid

Synonyms : Mirabegron ATAA Impurity

CAS Number : 29676-71-9

CAT Number : CP-M21006

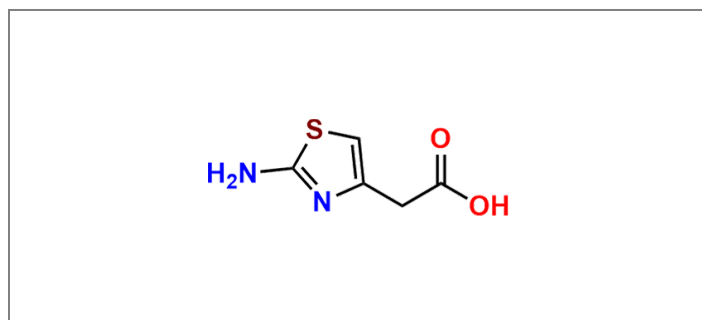
Molecular Formula : C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>S

Molecular Weight : 158.18

Batch Number : CHEM-MIR-A

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	98.82%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-

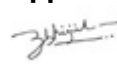


### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.