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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

Product Name: Mirabegron EP Impurity A

Identification:

Chemical Name: 2-(2-Amino-1,3-thiazol-4-yl)-N-[4-[2-[[[(2S)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]acetamide (as per EP)

Synonyms : Mirabegron Enantiomer : (S)-
enantiomer of mirabegron (EP)

CAS Number : 1796931-48-0

CAT Number : CP-M21001

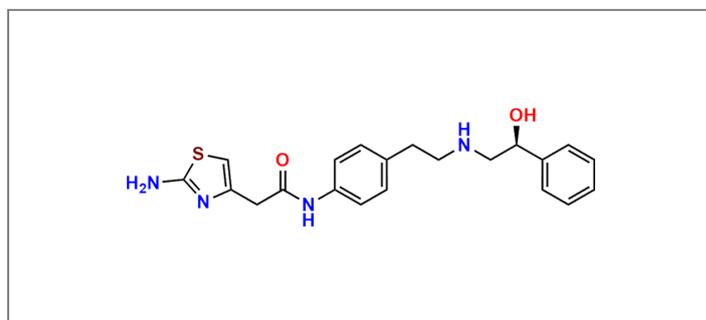
Molecular Formula : C₂₁H₂₄N₄O₂S

Molecular Weight : 396.51

Batch Number : CP-33-200-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	Off white solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure By Mass
4)	Purity by HPLC	94.72%
5)	¹ H NMR	Confirm to Structure
6)	¹³ C NMR	-
7)	IR	-
8)	Weight loss by TGA	-
9)	Potency by TGA	-



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.