

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM003121-01)

Release Date: 08/02/2025

Re-test Date: 07/02/2028

## Mirabegron Ethyl MRB Thiourea

### Identification

**Chemical Name :**

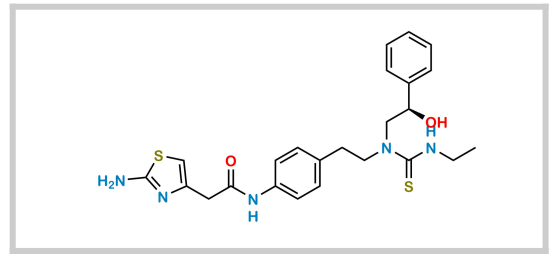
(R)-2-(2-aminothiazol-4-yl)-N-(4-(2-(3-ethyl-1-(2-hydroxy-2-phenylethyl)thioureido)ethyl)phenyl)acetamide

CAT No. : KMM003121

CAS No. : Not Available

Molecular Formula : C<sub>24</sub>H<sub>29</sub>N<sub>5</sub>O<sub>2</sub>S<sub>2</sub>

Molecular Weight : 483.6



### Analytical Information

Batch No. : M003121-091-208

Description : Off White Solid

HPLC Purity : 99.13 %

Weight Loss By TGA : 2.26 %

% Potency : 96.89 %

Solubility : Methanol : Water (1:1)

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.26(Weight Loss By TGA)] x [99.13(HPLC Purity)]/100 = 96.89 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/02/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA