

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM003045-02)

Release Date: 25/08/2025

Re-test Date: 24/08/2028

## MRBRC-9

### Identification

**Chemical Name :**

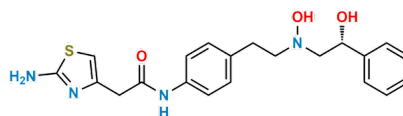
(R)-2-(2-Aminothiazol-4-yl)-N-(4-(2-(hydroxy(2-hydroxy-2-phenylethyl)amino)ethyl)phenyl)acetamide

CAT No. : KMM003045

CAS No. : Not Available

Molecular Formula : C<sub>21</sub>H<sub>24</sub>N<sub>4</sub>O<sub>3</sub>S

Molecular Weight : 412.5



### Analytical Information

Batch No. : M003045-102-234

Description : Off White Solid

HPLC Purity : 96.31 %

Weight Loss By TGA : 3.08 %

% Potency : 93.34 %

**Solubility** : \*Refer in Additional information

**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 - 3.08(Weight Loss By TGA)] x [96.31(HPLC Purity)]/100 = 93.34 %

\*Solubility: Insoluble in Water and Freely Soluble in 5 mg/1 ml methanol

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/08/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR,IR and TGA