

CERTIFICATE OF ANALYSIS

(Certificate No. KMB010018-01)

Release Date: 13/05/2025

Re-test Date: 12/05/2028

Bosentan Monohydrate PRS

Identification

Chemical Name :

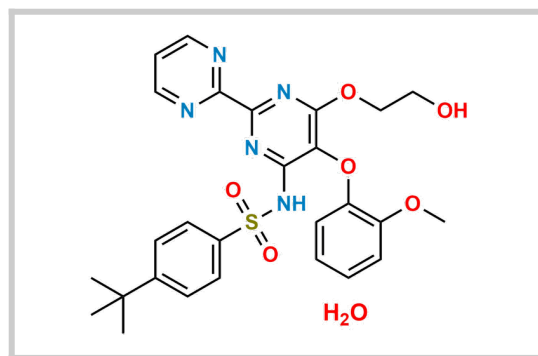
4-(Tert-butyl)-N-(6-(2-hydroxyethoxy)-5-(2-methoxyphenoxy)-[2,2'-bipyrimidin]-4-yl)benzenesulfonamide monohydrate

CAT No. : KMB010018

CAS No. : 157212-55-0

Molecular Formula : C₂₇H₂₉N₅O₆S : H₂O

Molecular Weight : 551.6 : 18.0



Analytical Information

Batch No. : B010018-102-018

Description : White Solid

HPLC Purity : 99.93 %

Weight Loss By TGA : 2.90 %

% Potency : 97.03 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 2.90(Weight Loss By TGA)] x [99.93(HPLC Purity)]/100 = 97.03 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/05/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA