CERTIFICATE OF ANALYSIS

(Certificate No. KMB010018-01)

Release Date: 13/05/2025 **Re-test Date:** 12/05/2028

Bosentan Monohydrate PRS

Identification

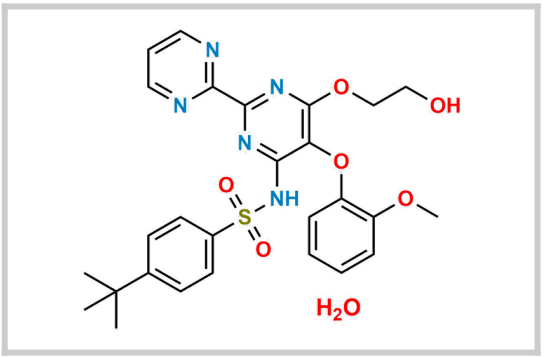
Chemical Name :
4-(Tert-butyl)-N-(6-(2-hydroxyethoxy)-5-(2-methoxyphenoxy)-[2,2'-bipyrimidin]-4-yl)benzenesulfonamide monohydrate

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	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.93 %	**IR**	: Confirm
Weight Loss By TGA	: 2.90 %	**1H NMR**	: Confirm
% Potency	: 97.03 %	**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