CERTIFICATE OF ANALYSIS

(Certificate No. KMR062007-01)

Release Date: 21/07/2026 **Re-test Date:** 20/07/2029

Riociguat EP Impurity B

Identification

Chemical Name :
Methyl [4,6-diamino-2-(1-benzyl-1H-pyrazolo[3,4-b]pyridin-3-yl)pyrimidin-5-yl](methyl)carbamate (as per EP & USP)

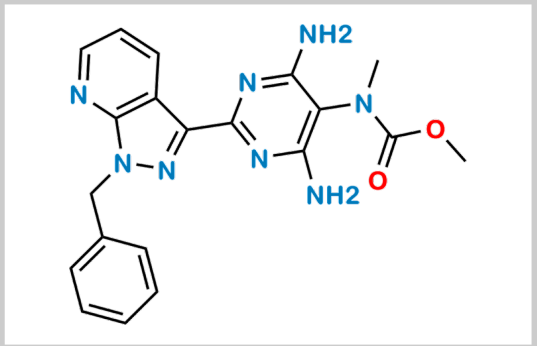
Alt. Name : Riociguat USP Related Compound B

CAT No. : KMR062007

CAS No. : 3052969-92-0

Molecular Formula : C20H20N8O2

Molecular Weight : 404.4



Analytical Information

Batch No. : R062007-136-111

Description : Brown Solid

HPLC Purity : 99.13 %

Weight Loss By TGA : 0.56 %

% Potency : 98.57 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

1H 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 - 0.56(Weight Loss By TGA)] x [99.13(HPLC Purity)]/100 = 98.57 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/07/2026

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