CERTIFICATE OF ANALYSIS

(Certificate No. KMR062008-01)

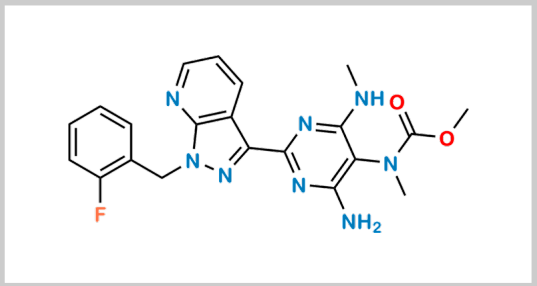
Release Date: 11/08/2026 **Re-test Date:** 10/08/2029

Riociguat EP Impurity C

Identification

Chemical Name :
Methyl [4-amino-2-[1-[(2-fluorophenyl)methyl]-1H-pyrazolo[3,4-b]pyridin-3-yl]-6-(methylamino)pyrimidin-5-yl](methyl)carbamate (as per EP) ; Methyl (4-amino-2-(1-(2-fluorobenzyl)-1H-pyrazolo[3,4-b]pyridin-3-yl)-6-(methylamino)pyrimidin-5-yl)(methyl)carbamate (as per USP)

Alt. Name	: Riociguat USP Related Compound C
CAT No.	: KMR062008
CAS No.	: 2920299-23-4
Molecular Formula	: C21H21FN8O2
Molecular Weight	: 436.5



Analytical Information

Batch No.	: R062008-136-133	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 96.53 %	**IR**	: Confirm
Weight Loss By TGA	: 2.31 %	**1H NMR**	: Confirm
% Potency	: 94.3 %		

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 - 2.31(Weight Loss By TGA)] x [96.53(HPLC Purity)]/100 = 94.3 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		11/08/2026

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