CERTIFICATE OF ANALYSIS

(Certificate No. KMR062006-01)

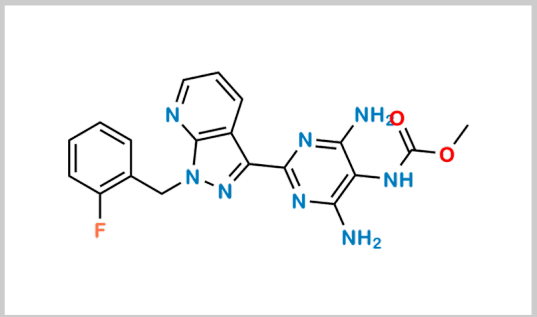
Release Date: 07/07/2026 **Re-test Date:** 06/07/2029

Riociguat EP Impurity A

Identification

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

Alt. Name	: Riociguat USP Related Compound A ; N-Desmethyl Riociguat
CAT No.	: KMR062006
CAS No.	: 625115-52-8
Molecular Formula	: C19H17FN8O2
Molecular Weight	: 408.4



Analytical Information

Batch No.	: R062006-136-081	**Solubility**	: Methanol
Description	: Brown Solid	**Mass**	: Confirm
HPLC Purity	: 99.46 %	**IR**	: Confirm
Weight Loss By TGA	: 4.20 %	**1H NMR**	: Confirm
% Potency	: 95.28 %		

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 - 4.20(Weight Loss By TGA)] x [99.46(HPLC Purity)]/100 = 95.28 %

Recommendation : Released

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

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