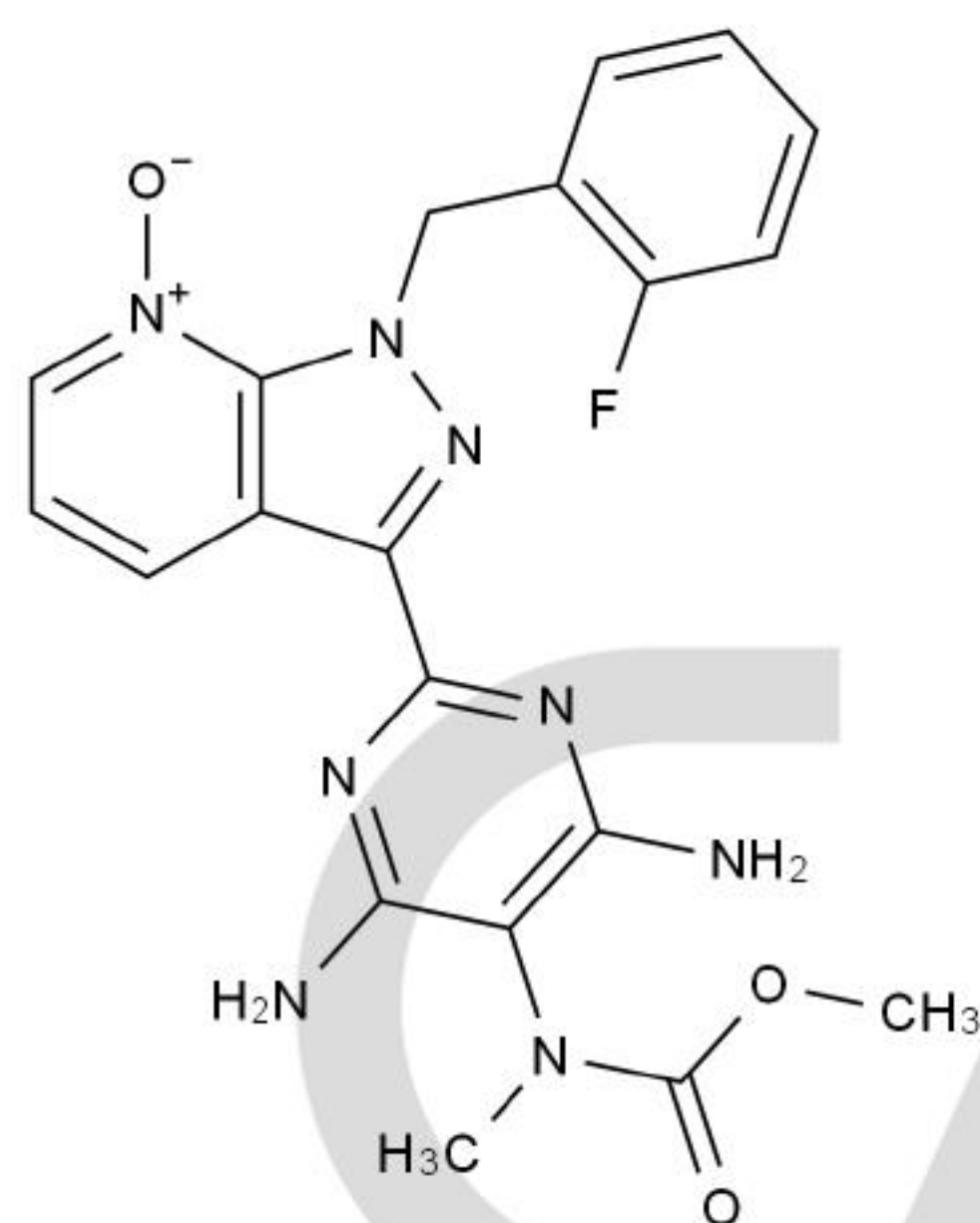


Certificate of Analysis

Reference Material & Standard

Product Name:	Riociguat Impurity 4	Catalogue Number:	C4X-17494
Synonyms:	N/A	Lot Number:	1127-RG-0052
CAS Number:	N/A	Expiry Date:	Dec 15, 2028
Molecular Formula:	C ₂₀ H ₁₉ FN ₈ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	438.42	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.2%
Assay	qNMR	96.1%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Mar 27, 2026

Date: Mar 27, 2026

Date: Mar 27, 2026



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