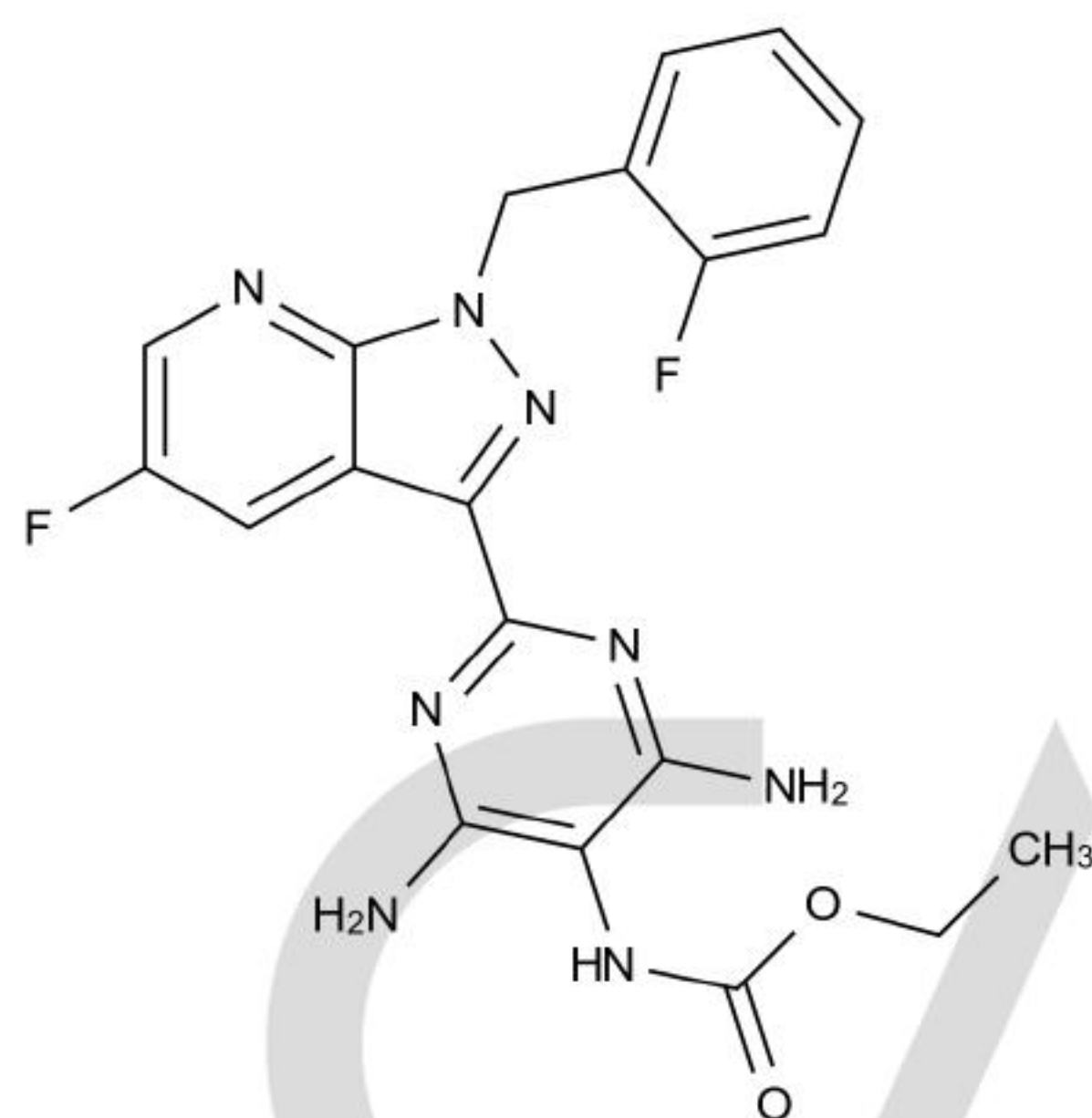


Certificate of Analysis

Reference Material & Standard

Product Name:	Vericiguat Impurity 18	Catalogue Number:	C4X-289618
Synonyms:	N/A	Lot Number:	1113-RF-0048
CAS Number:	N/A	Expiry Date:	Nov 18, 2027
Molecular Formula:	C20H18F2N8O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	440.41		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.3%
Assay	qNMR	94.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 19, 2024

Date: Nov 19, 2024

Date: Nov 19, 2024

