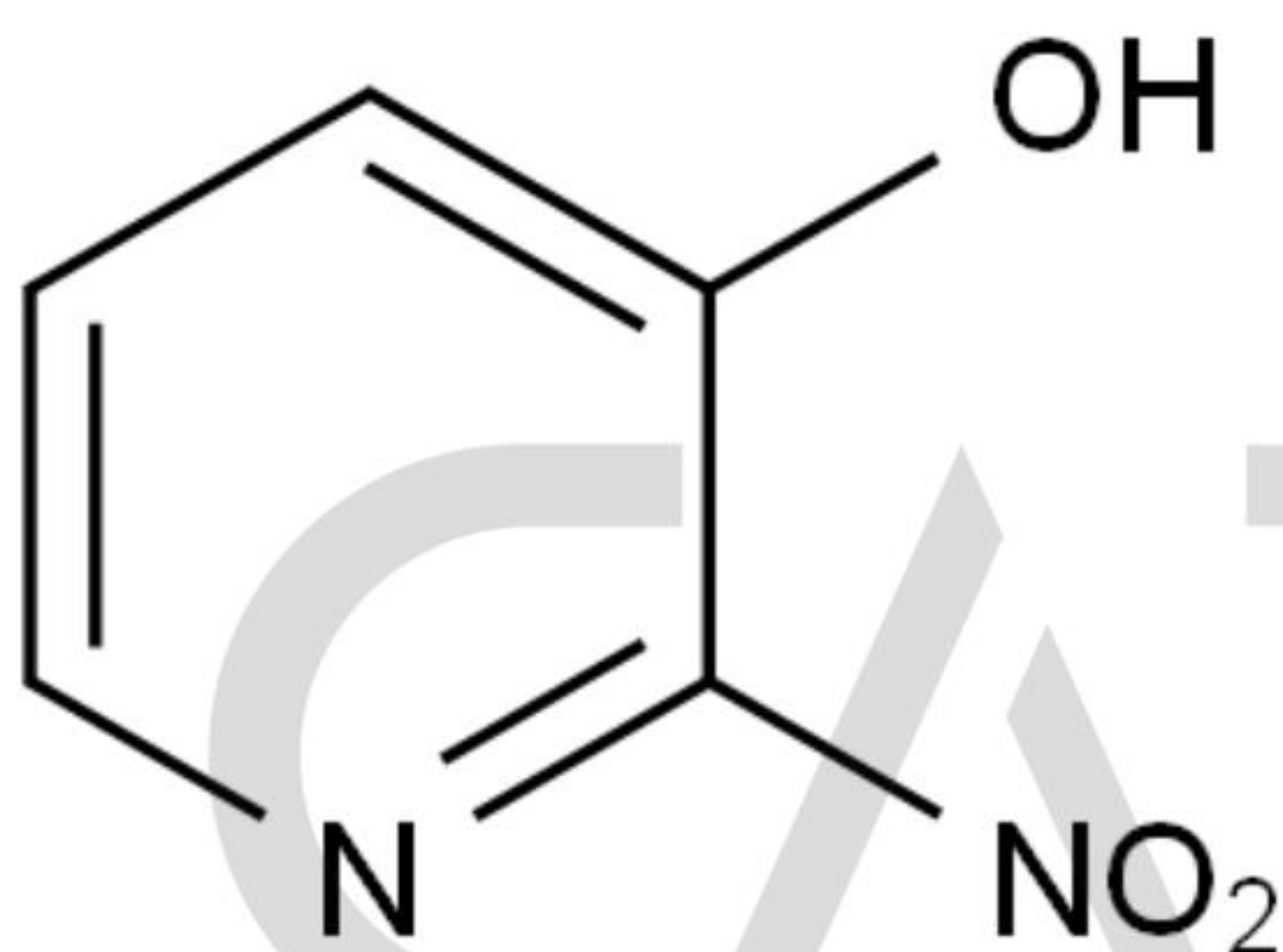


Certificate of Analysis

Reference Material & Standard

Product Name:	Vonoprazan Impurity 133	Catalogue Number:	C4X-1020133
Synonyms:	N/A	Lot Number:	1218-RE-0104
CAS Number:	15128-82-2	Expiry Date:	Dec 24, 2026
Molecular Formula:	C ₅ H ₄ N ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	140.10		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.9%
Assay	qNMR	95.6%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 25, 2023

Date: Dec 25, 2023

Date: Dec 25, 2023



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 6



Official WeChat