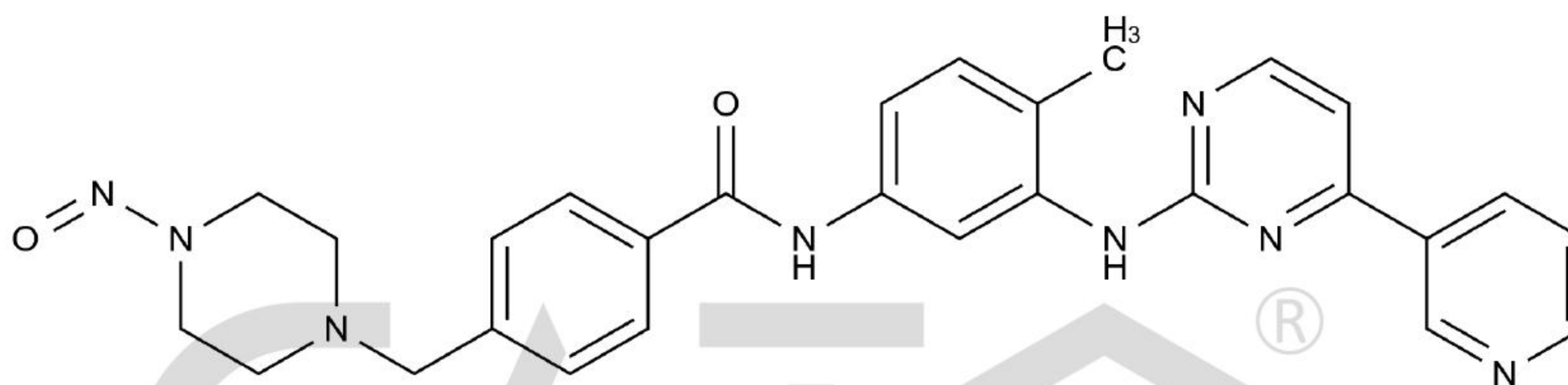


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitroso Imatinib EP Impurity C	Catalogue Number:	C4X-106880
Synonyms:	N/A	Lot Number:	1223-RG-0069
CAS Number:	2816369-80-7	Expiry Date:	Dec 24, 2029
Molecular Formula:	C ₂₈ H ₂₈ N ₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	508.57	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile;Water=2:1		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.459%
Loss on Drying	TGA	3.6806%
Assay		95.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 25, 2025

Date: Dec 25, 2025

Date: Dec 25, 2025



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