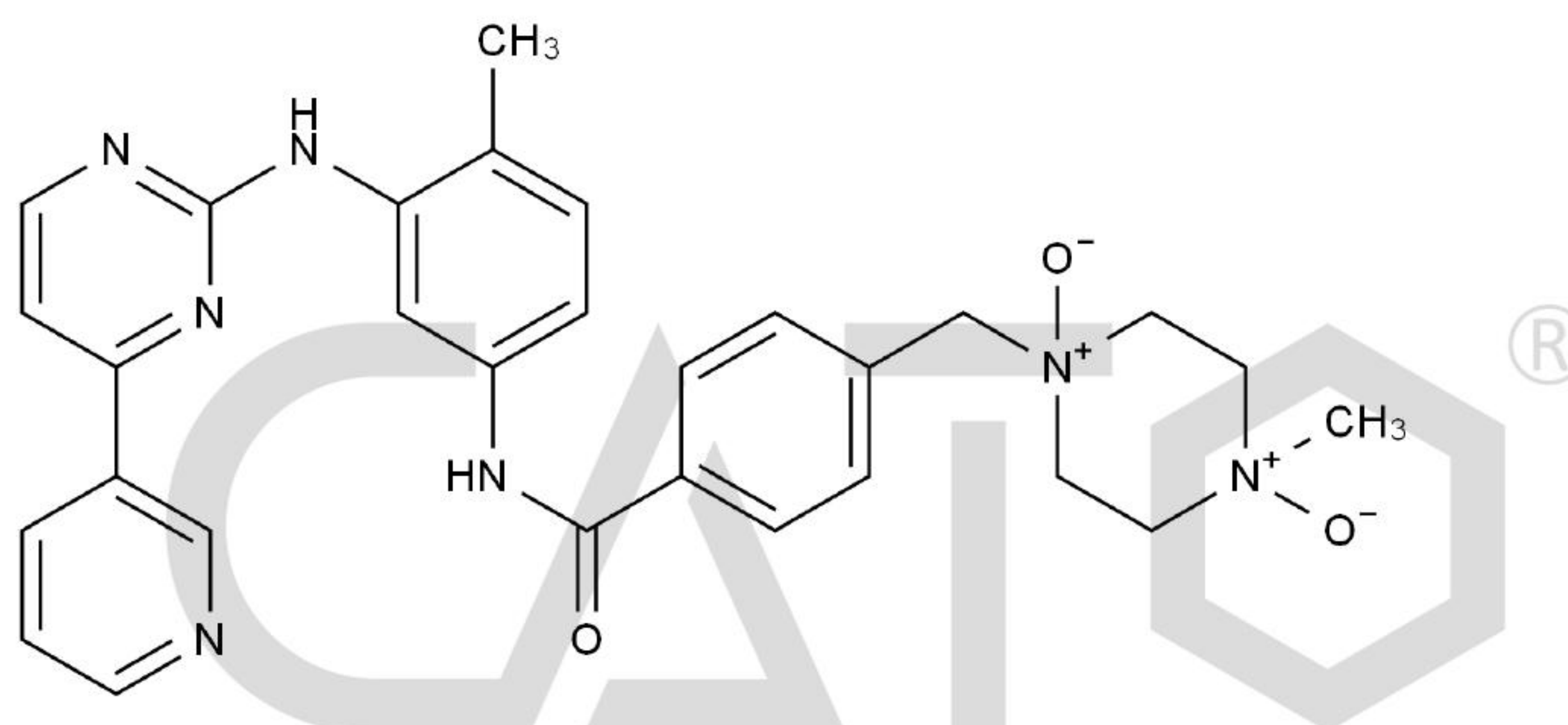


Certificate of Analysis

Reference Material & Standard

Product Name:	Imatinib (Piperidine)-N,N-DiOxide	Catalogue Number:	C4X-10682
Synonyms:	N/A	Lot Number:	0804-RH-0012
CAS Number:	571186-93-1	Expiry Date:	Aug 10, 2030
Molecular Formula:	C ₂₉ H ₃₁ N ₇ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	525.60	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile;Water=2:1		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.752%
Residue on Ignition	TGA	0.4873%
Loss on Drying	TGA	0.4442%
Assay		97.8%

Comment:

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

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

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 11, 2026

Date: Aug 11, 2026

Date: Aug 11, 2026



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>

