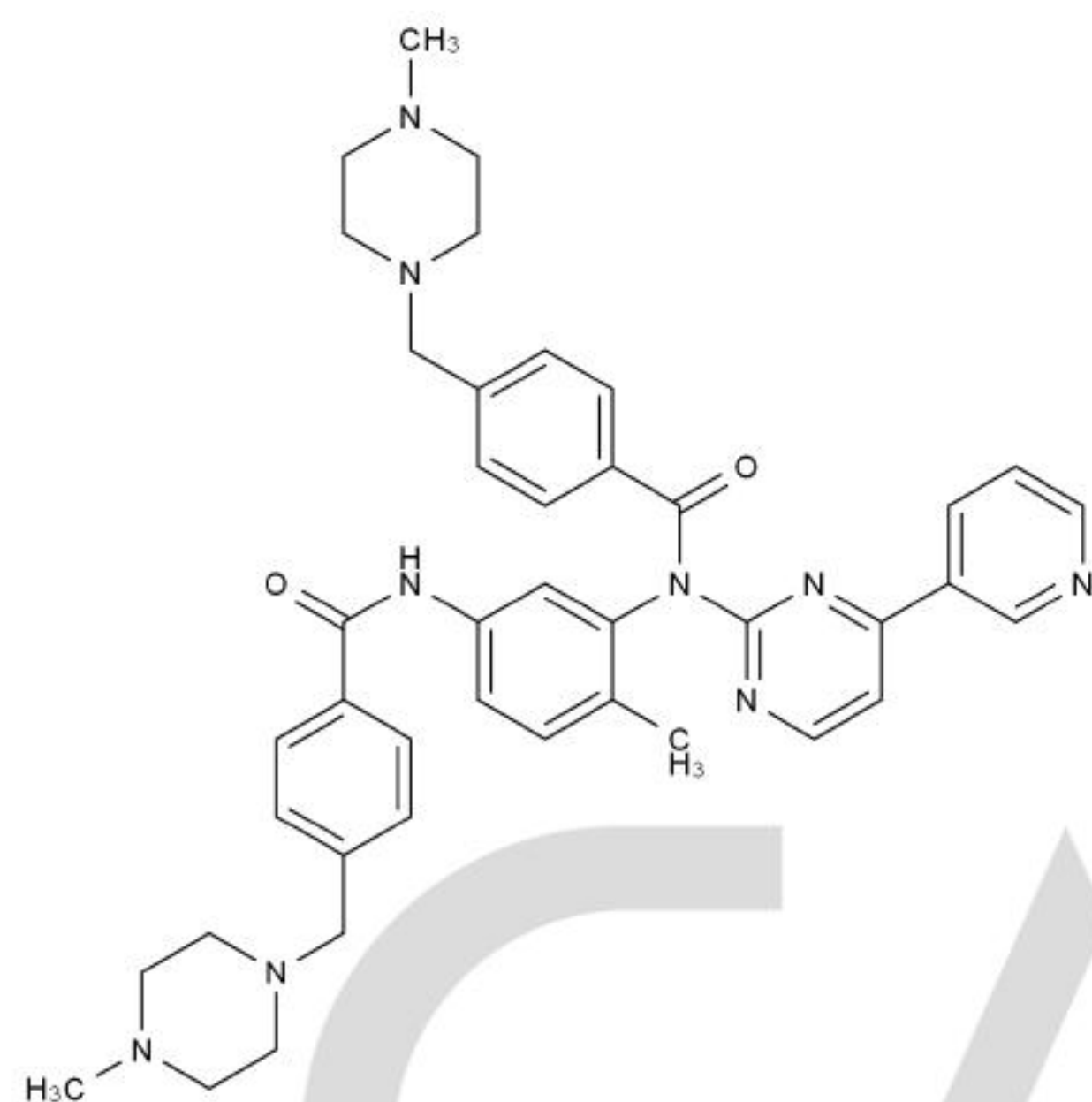


Certificate of Analysis

Reference Material

Product Name:	Imatinib Impurity 22	Catalogue Number:	C4X-106822
Chemical Name:	N/A	Lot Number:	0316-RE-0020
CAS Number:	1356565-46-2	Expiry Date:	Jan 07, 2025
Molecular Formula:	C42H47N9O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	709.88		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.7650%
Water Content	Karl Fischer	4.2%
Residual Solvents	NMR	Not detected in NMR
Assay		95.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Jan 08, 2021

Date: Mar 20, 2023

Date: Mar 20, 2023

