



CERTIFICATE OF ANALYSIS

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1. Identification

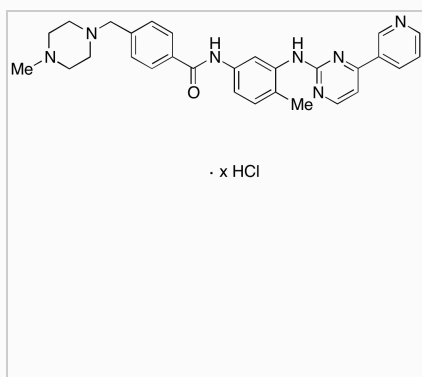
Catalogue Number: I267980

CAS Number: 862366-25-4

Product: Imatinib Hydrochloride

Synonym: 4-[(4-Methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]benzamide Monohydrochloride; 4-[(4-Methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]benzamide Hydrochloride (1:1); CGP 57148 Hydrochloride; Genfatinib Hydrochloride

Structure:



Molecular Formula:

$C_{29}H_{31}N_7O \cdot xHCl$

Molecular weight:

493.60 + (36.46)x

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Water (Slightly)

Lot Number: 6-MBA-89-2

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Yellow to Yellow Solid	Yellow Solid
Elemental Analysis	Conforms	%C: 58.10, %H: 6.12, %N: 16.36
HPLC Purity	Report Result	95.53% (265 nm)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Water Content	Report Result	~5.5% based on Elemental Analysis

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Christina Gouliaras	4/13/2022	4/11/2026

