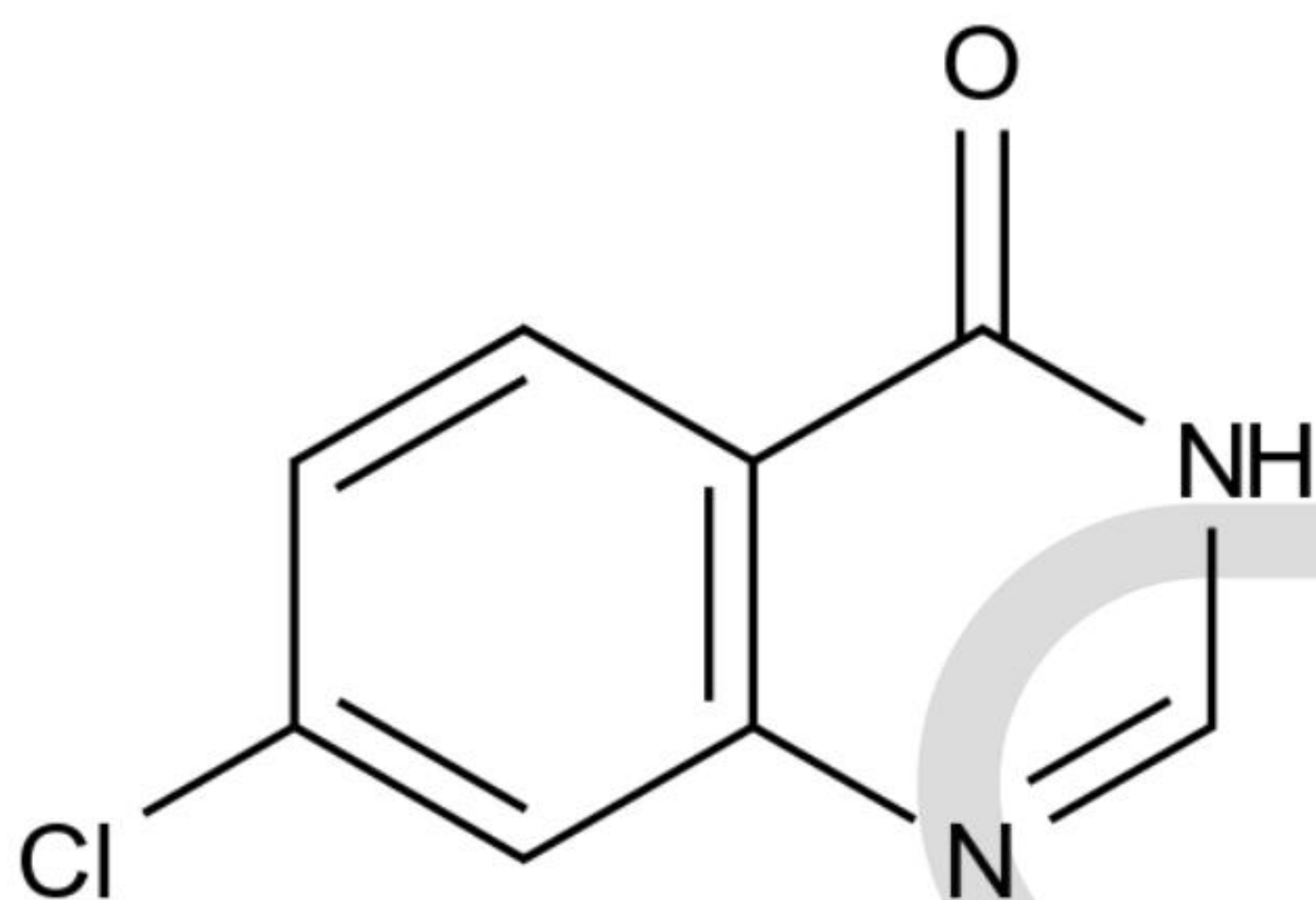


Certificate of Analysis

Reference Material & Standard

Product Name:	Mefatinib Impurity 2	Catalogue Number:	C4X-29922
Synonyms:	N/A	Lot Number:	1027-RE-0029
CAS Number:	31374-18-2	Expiry Date:	Oct 31, 2027
Molecular Formula:	C ₈ H ₅ ClN ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	180.59	Warning:	
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Brown-Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.166%
Loss On Drying	TGA	0.9420%
Assay		98.2%

Comment:

The calculation of the 100% 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

Aproved by General Manager:

David

Date: Nov 01, 2023

Date: Nov 01, 2023

Date: Nov 01, 2023

