

Certificate of Analysis

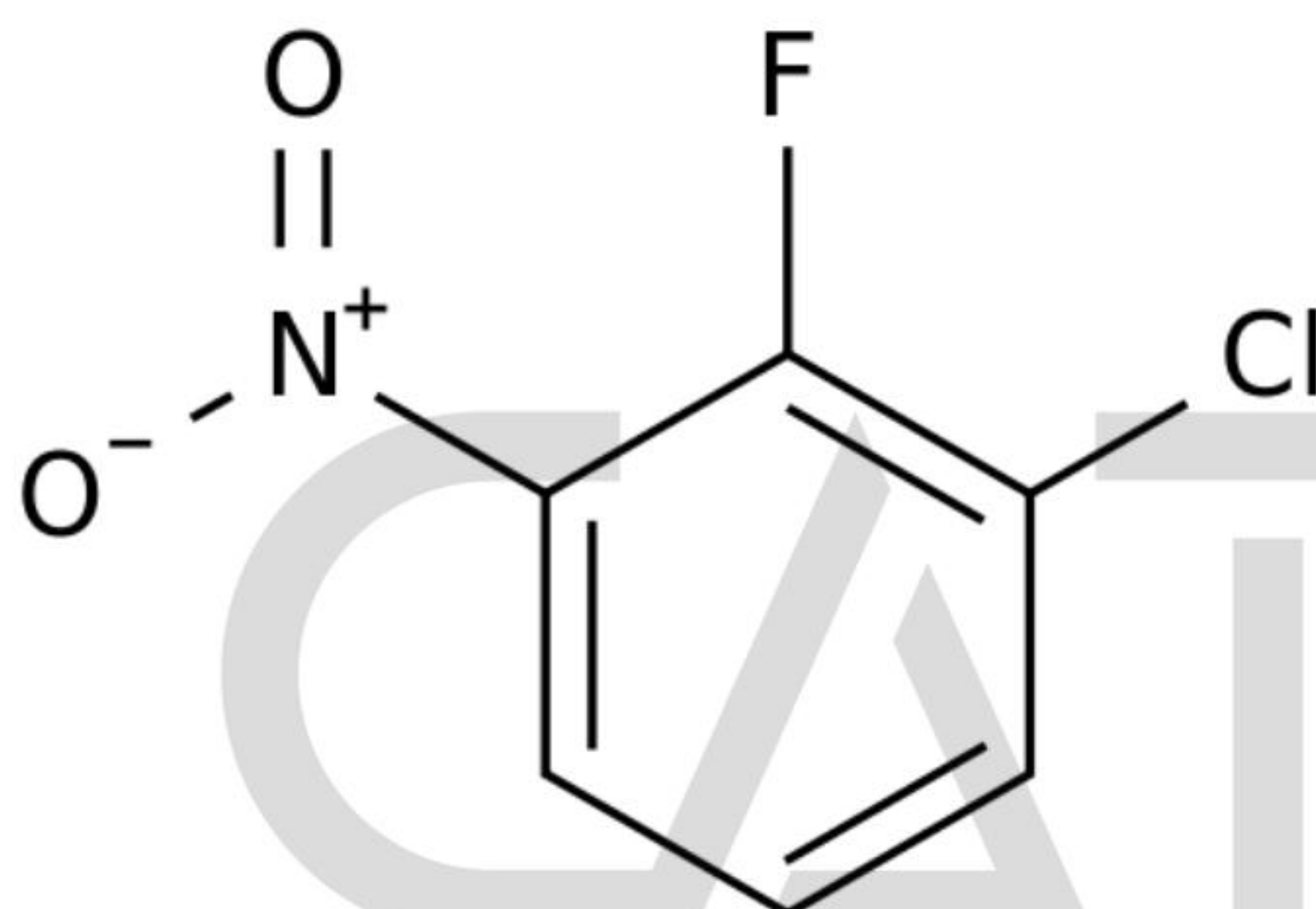
Reference Material & Standard

Product Name:	Gefitinib Impurity 46	Catalogue Number:	C4X-111746
Synonyms:	3-Chloro-2-fluoronitrobenzene	Lot Number:	0713-RB-0007
CAS Number:	2106-49-2	Expiry Date:	Sep 22, 2029
Molecular Formula:	C ₆ H ₃ ClFNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	175.54		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.511%
Water Content	Karl Fischer	0.1856%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

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Date: Sep 23, 2025

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