

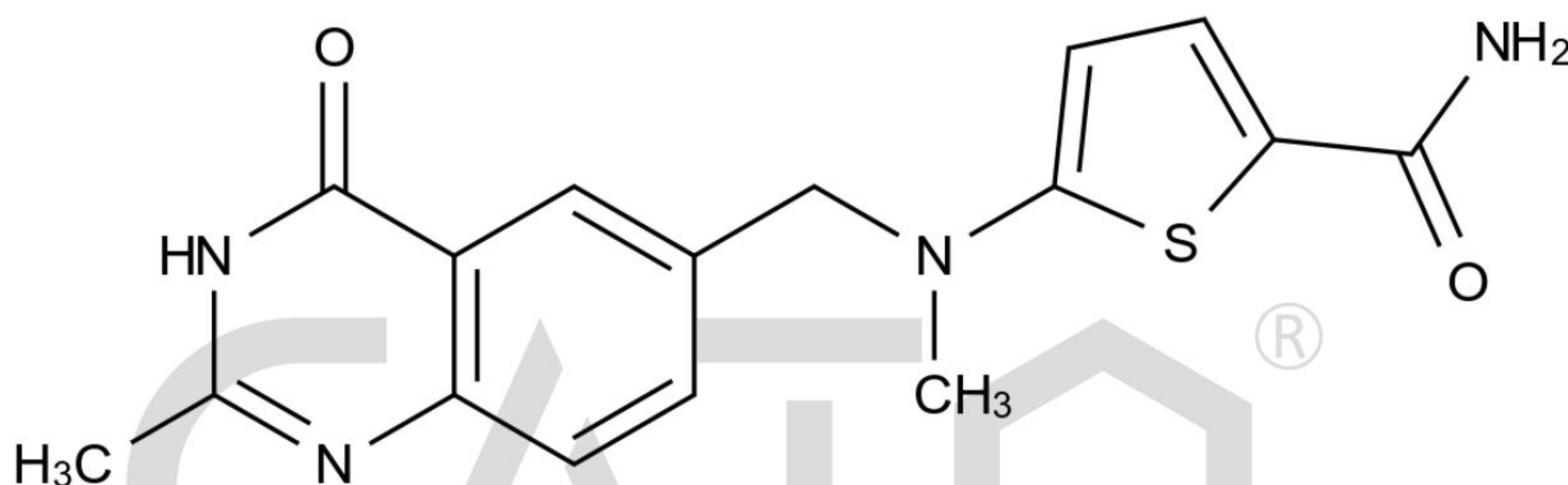
Certificate of Analysis

Reference Material & Standard

Product Name:	Raltitrexed Impurity 20	Catalogue Number:	C4X-138620
Synonyms:	N/A	Lot Number:	1104-RF-0037
CAS Number:	N/A	Expiry Date:	Nov 01, 2027
Molecular Formula:	C ₁₆ H ₁₆ N ₄ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	328.39	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.010%
Residue on Ignition	TGA	3.0866%
Loss On Drying	TGA	0.3192%
Assay		91.8%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 05, 2024

Date: Nov 05, 2024

Date: Nov 05, 2024

