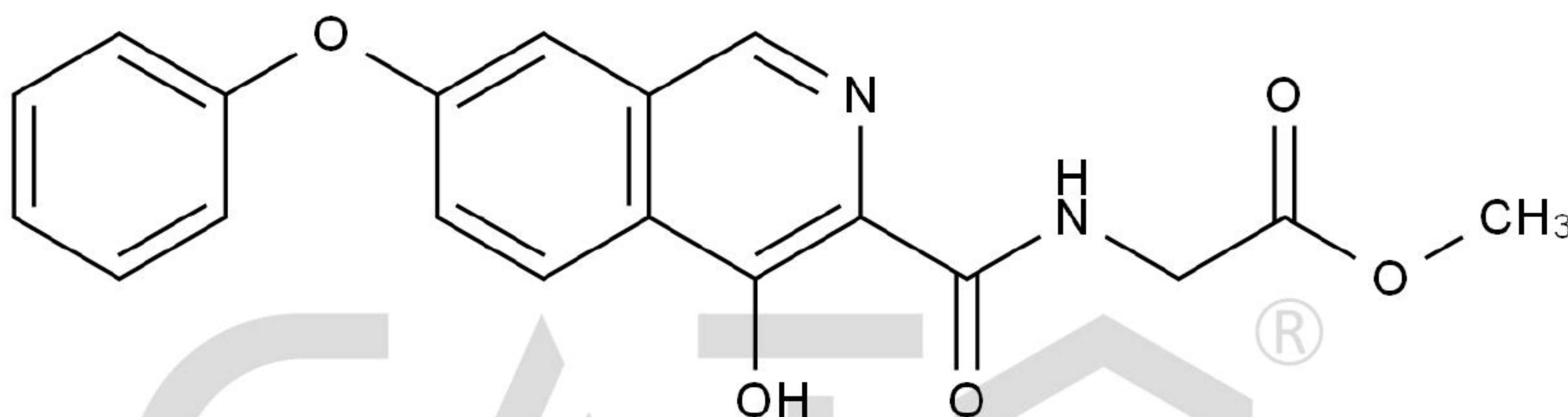


Certificate of Analysis

Reference Material & Standard

Product Name:	Roxadustat Impurity 20	Catalogue Number:	C4X-221320
Synonyms:	N/A	Lot Number:	0214-RG-0042
CAS Number:	2599284-48-5	Expiry Date:	Feb 19, 2028
Molecular Formula:	C ₁₉ H ₁₆ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	352.34	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.162%
Loss On Drying	TGA	0.1320%
Assay		99.0%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 20, 2025

Date: Feb 20, 2025

Date: Feb 20, 2025

