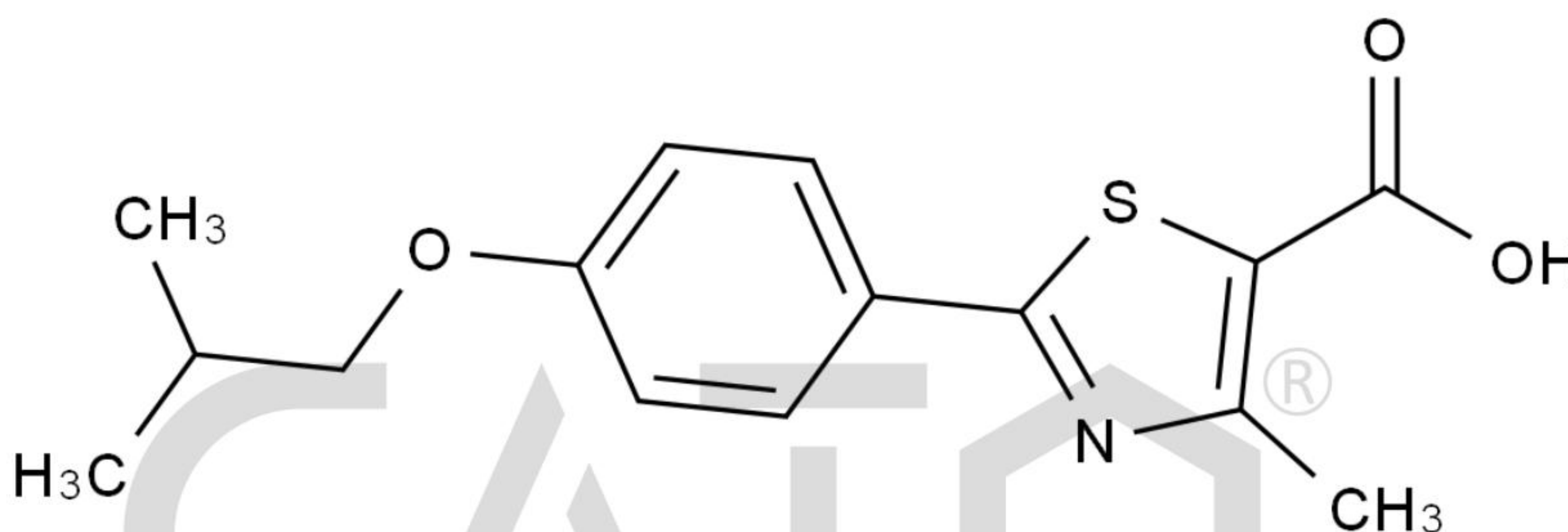


Certificate of Analysis

Reference Material & Standard

Product Name:	Febuxostat Impurity 49	Catalogue Number:	C4X-116249
Synonyms:	N/A	Lot Number:	0901-RG-0143
CAS Number:	1206550-99-3	Expiry Date:	Sep 02, 2029
Molecular Formula:	C ₁₅ H ₁₇ NO ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	291.37		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0150%
Assay		100.0%

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: Sep 03, 2025

Date: Sep 04, 2025

Date: Sep 04, 2025

