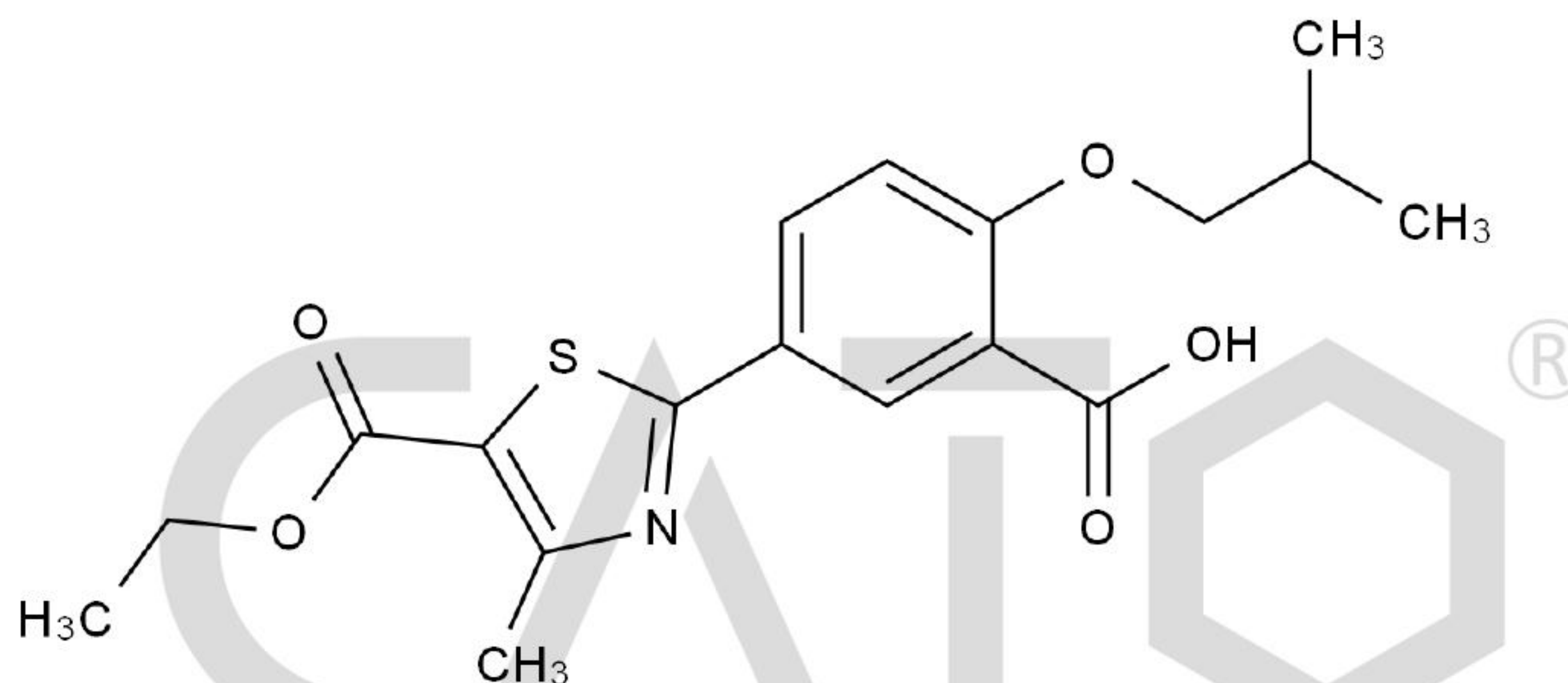


Certificate of Analysis

Reference Material & Standard

Product Name:	Febuxostat Impurity 58	Catalogue Number:	C4X-116258
Synonyms:	N/A	Lot Number:	0428-RG-0018
CAS Number:	2095166-41-7	Expiry Date:	Sep 10, 2027
Molecular Formula:	C ₁₈ H ₂₁ NO ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	363.43	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.907%
Water Content	Karl Fischer	0.48%
Residual Solvents	NMR	Not detected in NMR
Assay		99.4%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 28, 2025

Date: Apr 28, 2025

Date: Apr 28, 2025

