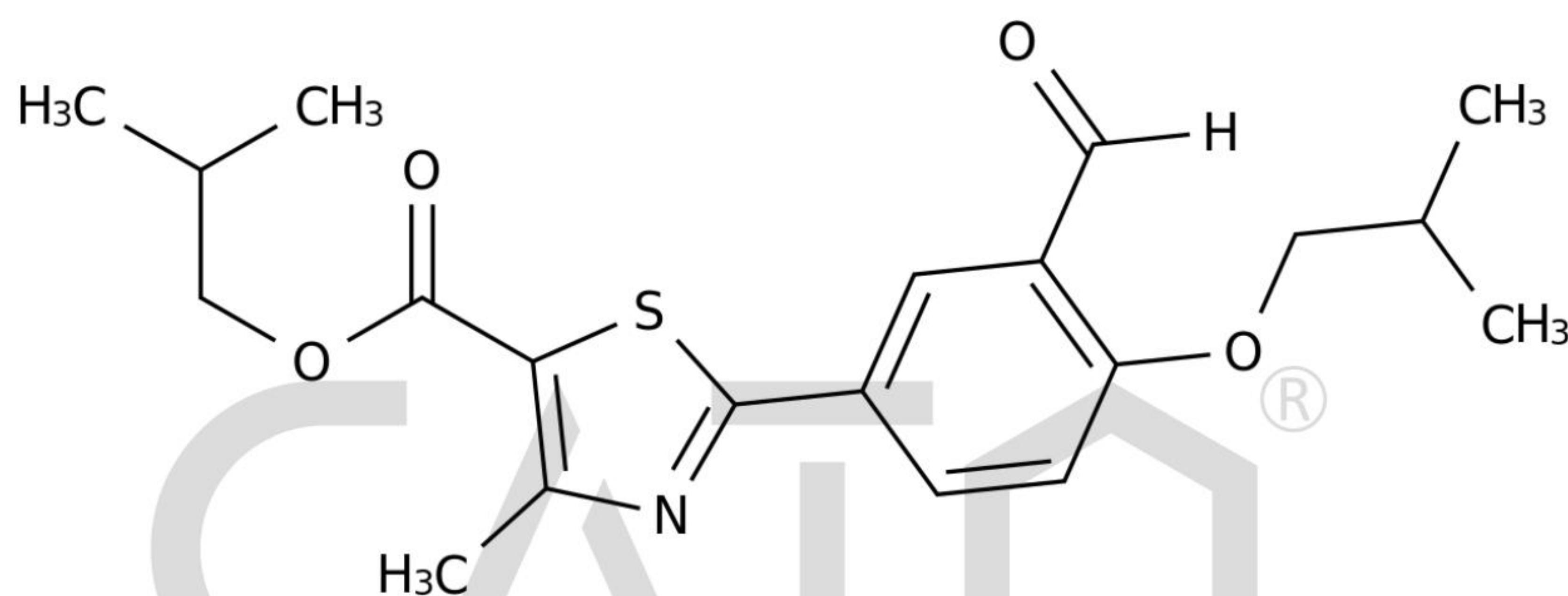


Certificate of Analysis

Reference Material & Standard

Product Name:	Febuxostat Impurity 74	Catalogue Number:	C4X-116274
Synonyms:	N/A	Lot Number:	0902-RF-0055
CAS Number:	1312815-36-3	Expiry Date:	Aug 27, 2027
Molecular Formula:	C ₂₀ H ₂₅ NO ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	375.48		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.558%
Water Content	Karl Fischer	0.52%
Residual Solvents	NMR	Not detected in NMR
Assay		99.0%

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:

Hin Lam

Approved by General Manager:

David

Date: Sep 04, 2024

Date: Sep 04, 2024

Date: Sep 04, 2024

