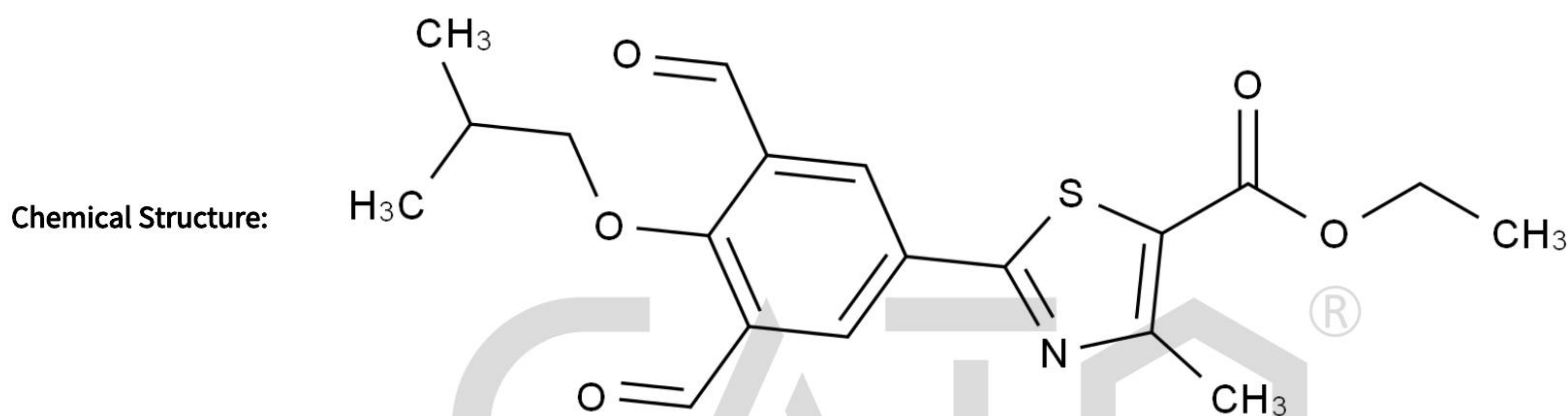


Certificate of Analysis

Reference Material & Standard

Product Name:	Febuxostat Impurity 64	Catalogue Number:	C4X-116264
Synonyms:	N/A	Lot Number:	0715-RF-0105
CAS Number:	2375033-26-2	Expiry Date:	Jul 10, 2027
Molecular Formula:	C ₁₉ H ₂₁ NO ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	375.44		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.400%
Water Content	Karl Fischer	0.29%
Residual Solvents	NMR	Not detected in NMR
Assay		99.1%

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:

Hinlam

Approved by General Manager:

David

Date: Jul 18, 2024

Date: Jul 18, 2024

Date: Jul 18, 2024

