

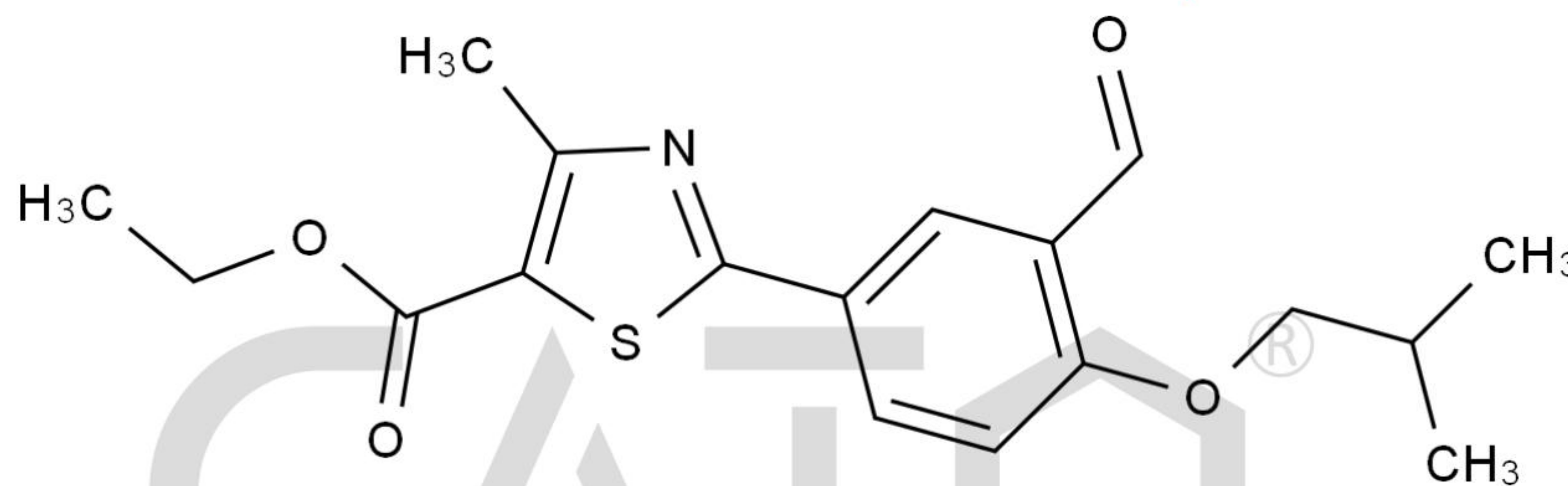
Certificate of Analysis

Reference Material & Standard

Product Name:	Febuxostat Impurity 43	Catalogue Number:	C4X-116243
Synonyms:	N/A	Lot Number:	1016-RF-0015
CAS Number:	161798-03-4	Expiry Date:	Oct 20, 2027
Molecular Formula:	C ₁₈ H ₂₁ NO ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	347.43	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	97.281%
Loss On Drying	TGA	0.2602%
Assay		97.0%

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: Dec 09, 2024

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Date: Dec 09, 2024

