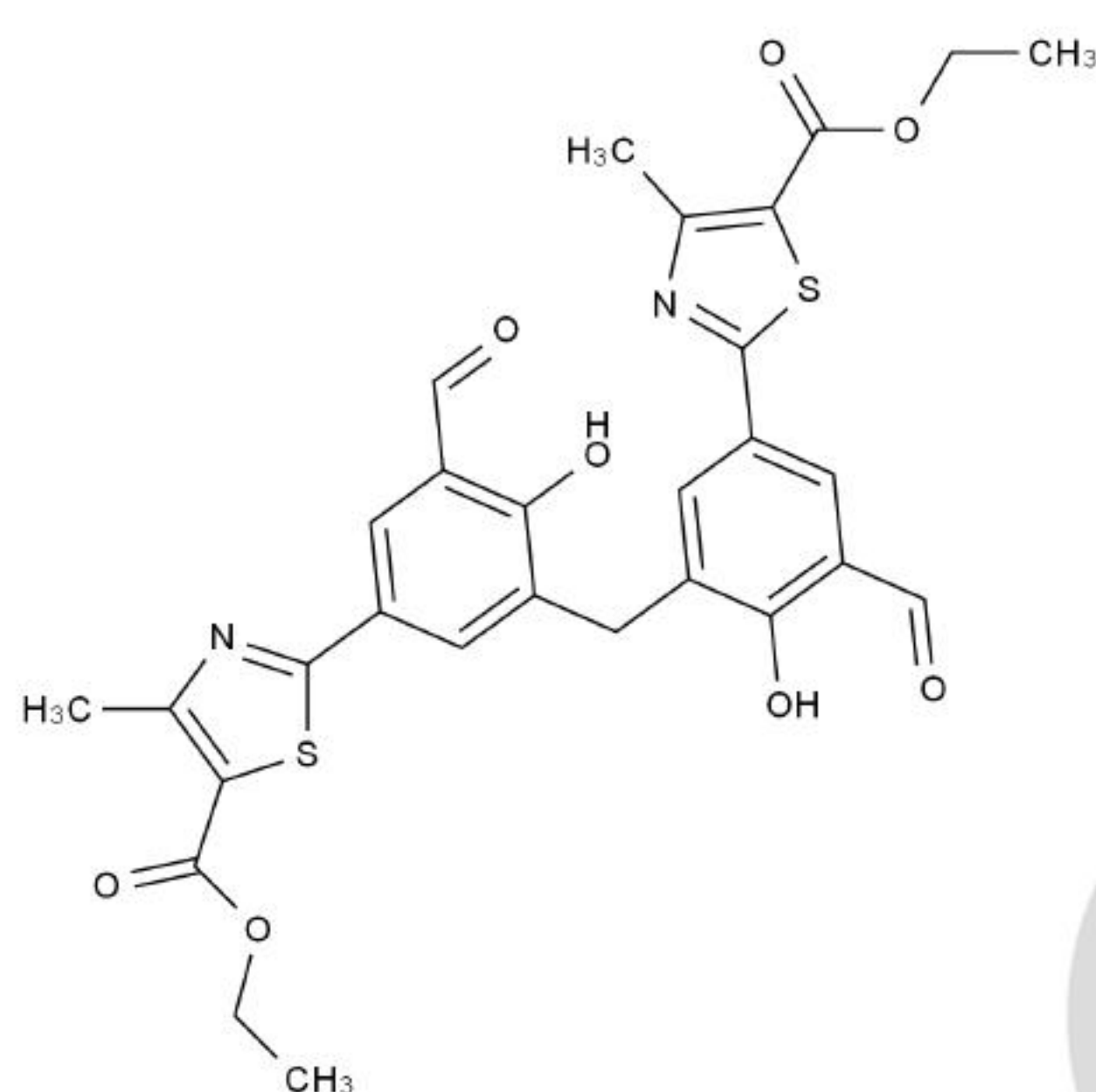


Certificate of Analysis

Reference Material & Standard

Product Name:	Febuxostat Impurity 80	Catalogue Number:	C4X-116280
Synonyms:	N/A	Lot Number:	1011-RE-0058
CAS Number:	N/A	Expiry Date:	Feb 14, 2026
Molecular Formula:	C ₂₉ H ₂₆ N ₂ O ₈ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	594.66		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.4809%
Water Content	Karl Fischer	0.08%
Residual Solvents	NMR	0.28% dimethyl sulfoxide
Assay		96.1%

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

Aporoved by General Manager:

David

Date: Oct 09, 2023

Date: Oct 12, 2023

Date: Oct 12, 2023

