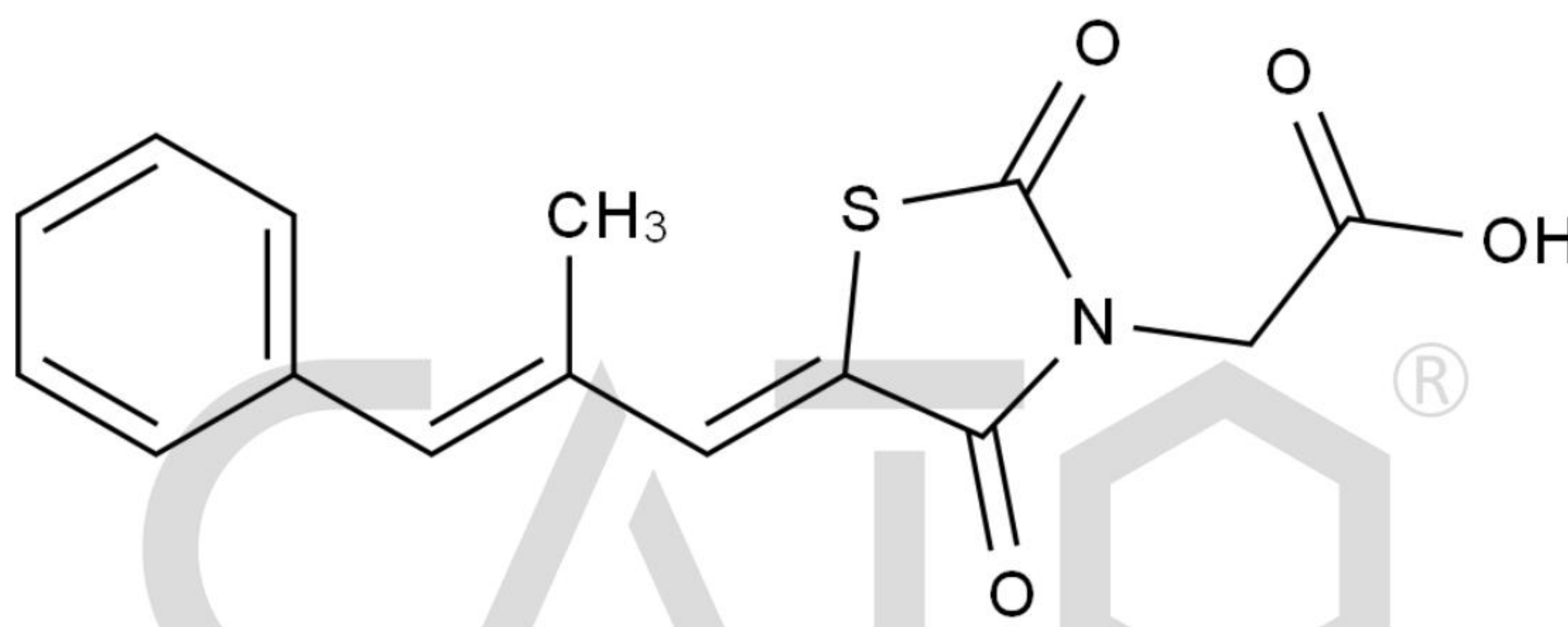


Certificate of Analysis

Reference Material & Standard

Product Name:	Epalrestat Impurity 3	Catalogue Number:	C4X-22363
Synonyms:	N/A	Lot Number:	0912-RF-0067
CAS Number:	794510-29-5	Expiry Date:	Sep 11, 2027
Molecular Formula:	C ₁₅ H ₁₃ NO ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	303.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6554%
Residue on Ignition	TGA	1.164%
Loss On Drying	TGA	0.326%
Assay		98.2%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying 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: Dec 19, 2024

Date: Dec 19, 2024

Date: Dec 19, 2024

