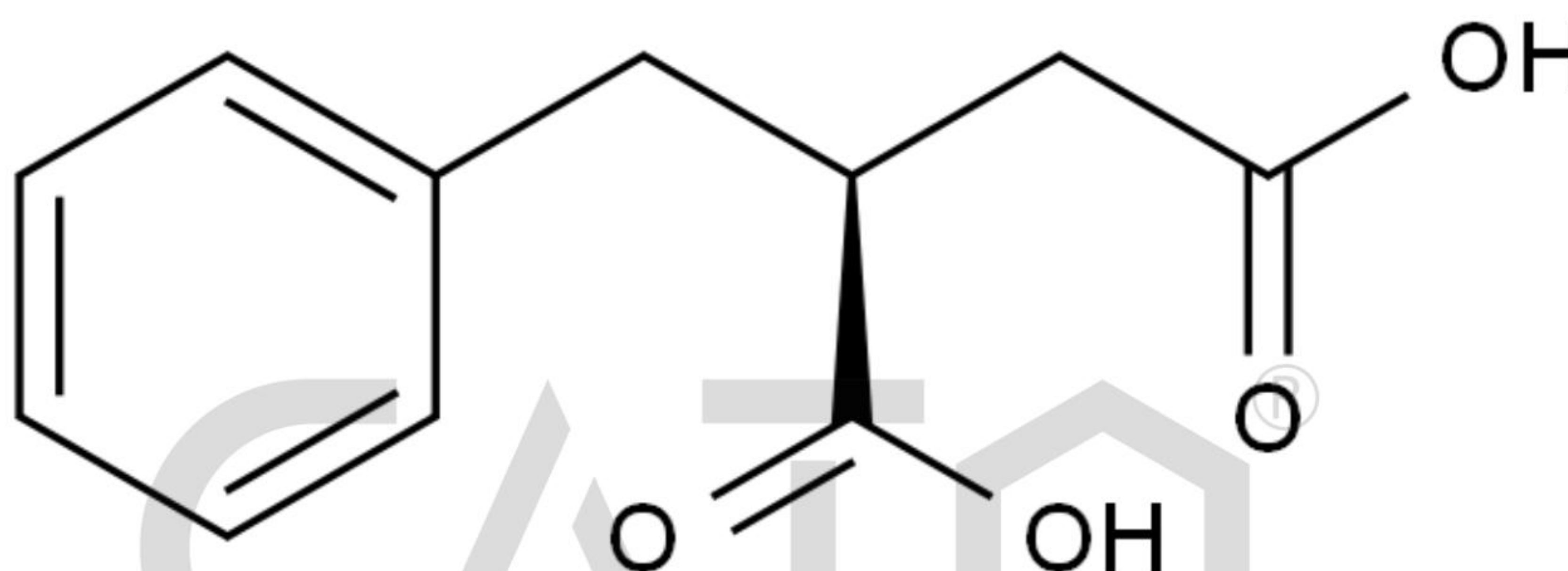


Certificate of Analysis

Reference Material & Standard

Product Name:	Mitiglinide Impurity 1	Catalogue Number:	C4X-11611
Synonyms:	N/A	Lot Number:	0902-RD-0003
CAS Number:	3972-36-9	Expiry Date:	Aug 11, 2029
Molecular Formula:	C ₁₁ H ₁₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	208.21		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0232%
Optical Rotation		[α] _D =20(c=2.01,EA)-27.729°
Assay		100.0%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 12, 2025

Date: Aug 12, 2025

Date: Aug 12, 2025

