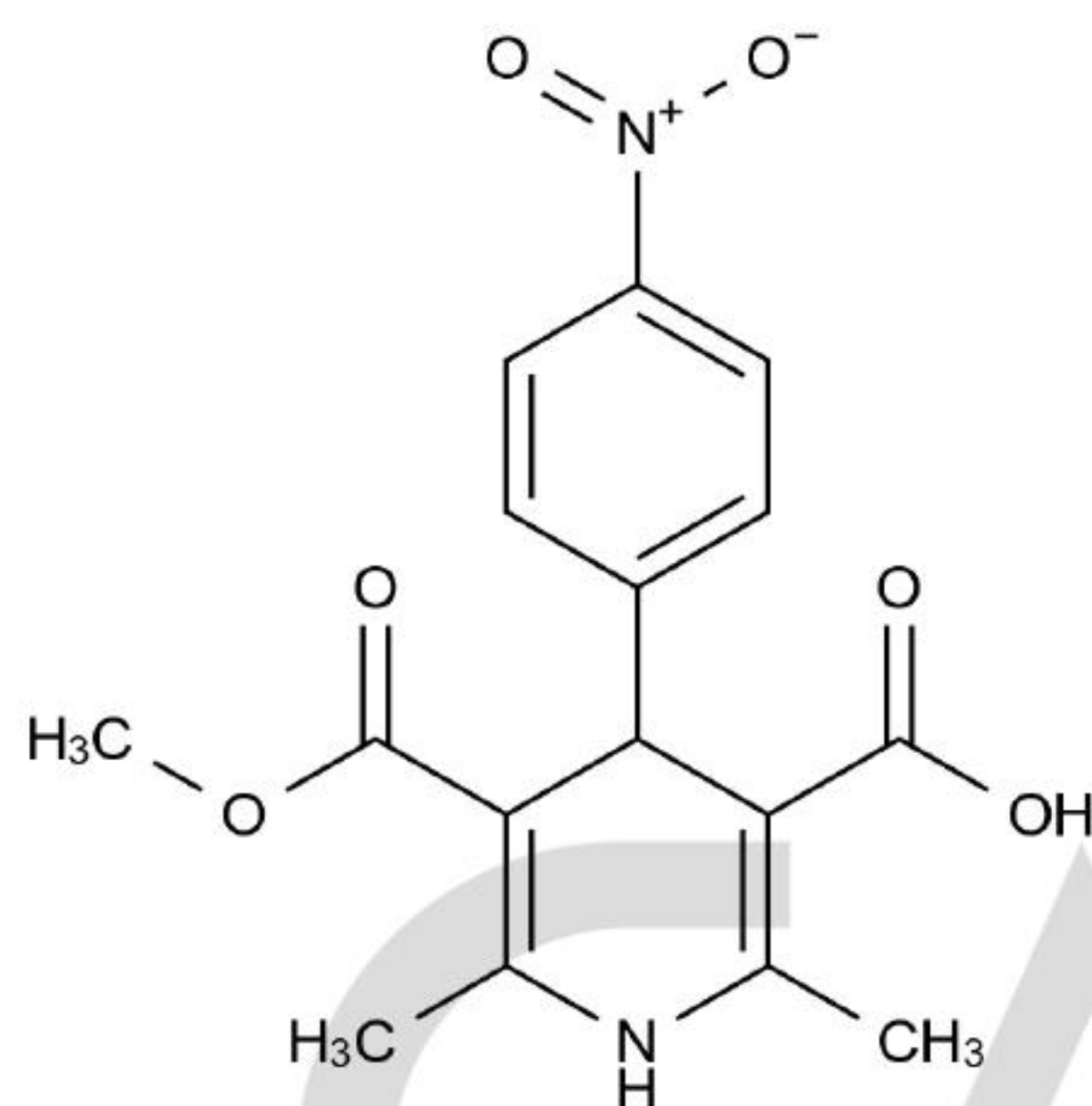


Certificate of Analysis

Reference Material

Product Name:	Benidipine Impurity N10	Catalogue Number:	CP120436
Chemical Name:	N/A	Lot Number:	1103-RD-0014
CAS Number:	166808-97-5	Expiry Date:	Apr 19, 2024
Molecular Formula:	C ₁₆ H ₁₆ N ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	332.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.6131%
Water Content	Karl Fischer	6.3%
Residual Solvents	NMR	0.1% acetonitrile
Assay		93.2%

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:

Hinlam

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Apr 19, 2021

Date: Nov 08, 2022

Date: Nov 08, 2022

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