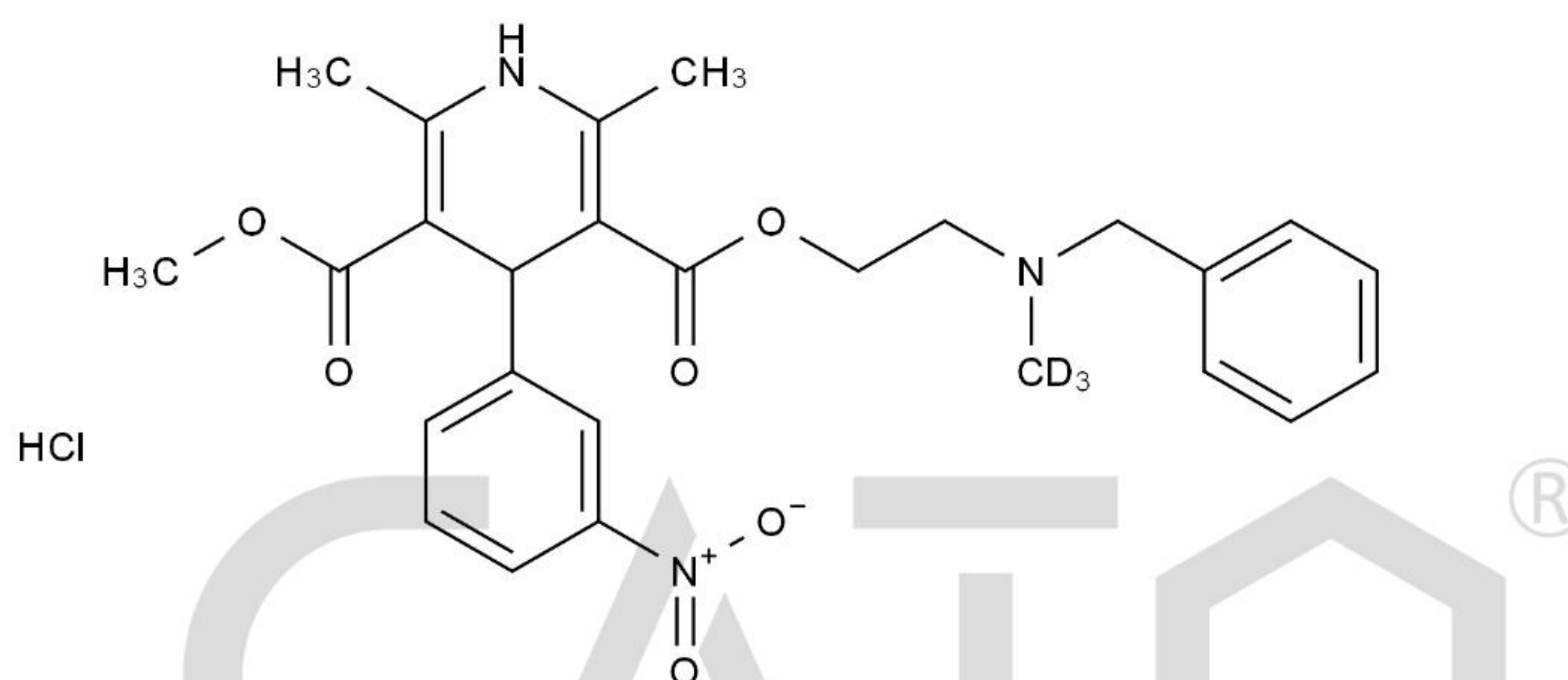


Certificate of Analysis

Reference Material

Product Name:	Nicardipine-d3 Hydrochloride	Catalogue Number:	C4X-17104
Chemical Name:	N/A	Lot Number:	1125-RD-0025
CAS Number:	1432061-50-1	Expiry Date:	Jun 18, 2027
Molecular Formula:	C ₂₆ H ₂₆ D ₃ N ₃ O ₆ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	482.54 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	98.41%
Isotopic Purity		98.8%
Water Content	Karl Fischer	4.5%
Assay		94.0%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Jun 19, 2020

Date: Nov 30, 2022

Date: Nov 30, 2022

Tel: +86-20-81960175

Fax: +86-20-81717260

Email: supports@cato-chem.com

Web: www.cato-chem.com

Add: Room 101, Building B, No.179, Guangpu East Road, Huangpu District, Guangzhou (Location: Room 301, Room 401, Room 501)

