

Certificate of Analysis

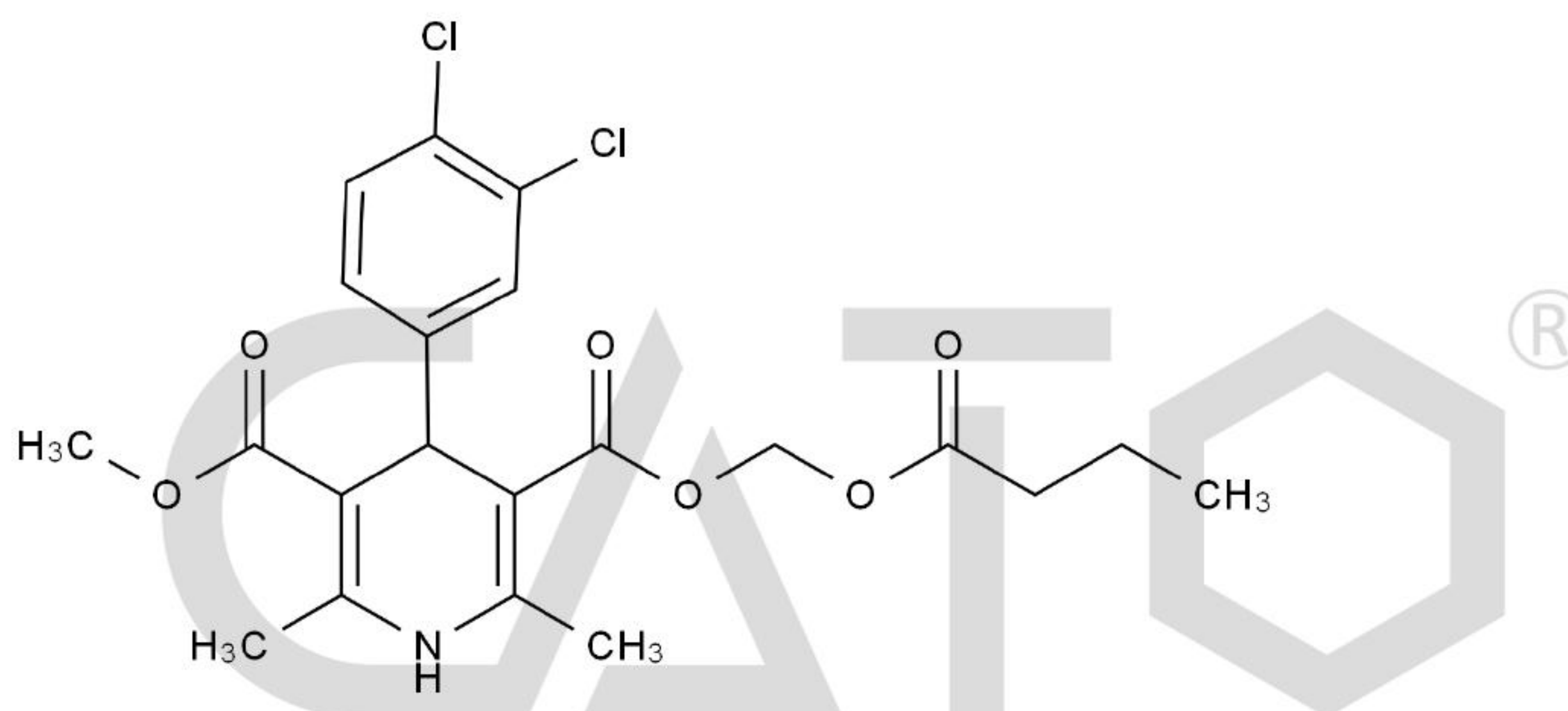
Reference Material & Standard

Product Name:	Clevidipine Butyrate impurity 20	Catalogue Number:	C4X-101520
Synonyms:	N/A	Lot Number:	1113-RG-0014
CAS Number:	2458150-60-0	Expiry Date:	Nov 06, 2029
Molecular Formula:	C ₂₁ H ₂₃ Cl ₂ NO ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	456.32	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Sticky Oil
Identification	HRMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.524%
Water Content	Karl Fischer	0.52%
Residual Solvents	NMR	0.8% acetonitrile
Assay		97.2%

Comment:

The calculation of the mass balance 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:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 14, 2025

Date: Nov 14, 2025

Date: Nov 14, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

