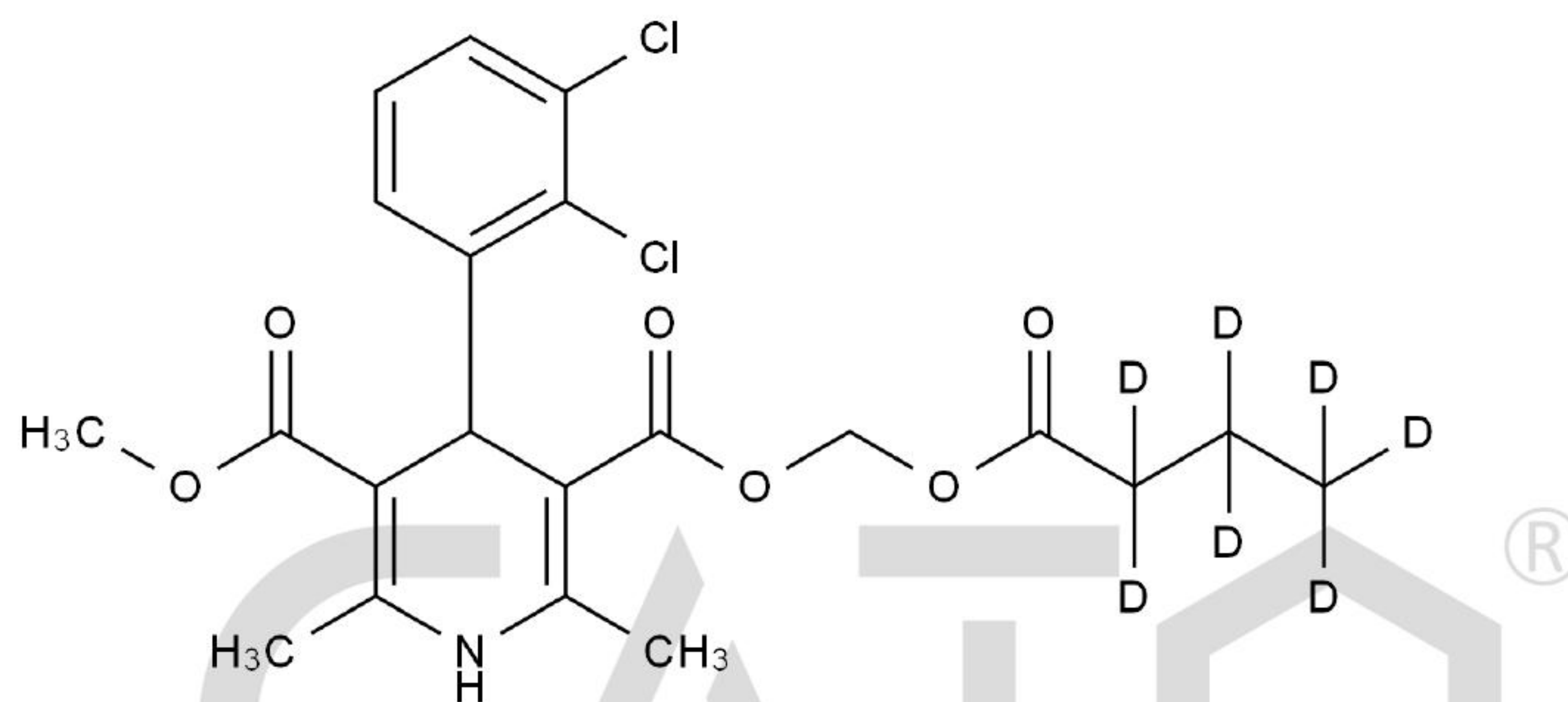


# Certificate of Analysis

## Reference Material

|                    |                                                                                |                   |                                           |
|--------------------|--------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Clevidipine-d7                                                                 | Catalogue Number: | C4X-101523                                |
| Chemical Name:     | N/A                                                                            | Lot Number:       | 0627-RD-0001                              |
| CAS Number:        | N/A                                                                            | Expiry Date:      | Jul 08, 2024                              |
| Molecular Formula: | C <sub>21</sub> H <sub>16</sub> D <sub>7</sub> Cl <sub>2</sub> NO <sub>6</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 463.36                                                                         |                   |                                           |

Chemical Structure:



| Test Items        | Method            | Results                  |
|-------------------|-------------------|--------------------------|
| Appearance        | Visual inspection | White to Off-White Solid |
| Identification    | LCMS&IR&HNMR      | Confirmed                |
| Chemical Purity   | HPLC              | 99.5229%                 |
| Isotopic Purity   |                   | 98.7%                    |
| Water Content     | Karl Fischer      | 0.3%                     |
| Residual Solvents | NMR               | 0.4% diethyl ether       |
| Assay             |                   | 98.8%                    |

## Comment:

The calculation of the 100% method follows the formula:

$Assay (\%) = (100\% - Water\ Content - Residual\ Solvents) * Purity\ HPLC (\%) / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

*Debia*

Reviewed by:

*Cady*

Aporoved by General manager:

*David*

Date: Jul 13, 2021

Date: Jun 30, 2022

Date: Jun 30, 2022

