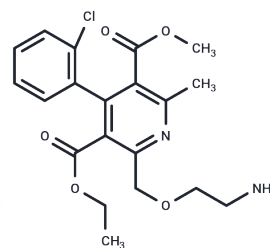


## Amlodipine besilate impurity D

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 113994-41-5   |
| Formula:          | C <sub>20</sub> H <sub>23</sub> ClN <sub>2</sub> O <sub>5</sub>   |
| Molecular Weight: | 406.86  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Amlodipine besilate impurity D is the primary process impurity in amlodipine besilate and can be used in biochemical experiments and drug synthesis research. |
| Targets(IC50) | Others  |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: Soluble,<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4578 mL | 12.2892 mL | 24.5785 mL |
| 5 mM  | 0.4916 mL | 2.4578 mL  | 4.9157 mL  |
| 10 mM | 0.2458 mL | 1.2289 mL  | 2.4578 mL  |
| 50 mM | 0.0492 mL | 0.2458 mL  | 0.4916 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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