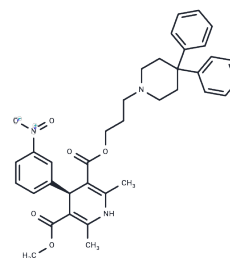


# Data Sheet (Cat.No.T23225)

## (R)-(-)-Niguldipine hydrochloride

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | T23225                                                   |
| Formula:          | C <sub>21</sub> H <sub>23</sub> N <sub>5</sub> O         |
| Molecular Weight: | 361.45                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|               |                                                                                                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------|
| Description   | (R)-(-)-Niguldipine hydrochloride is a L-type Ca <sup>2+</sup> channel blocker and $\alpha$ 1A-adrenoceptor antagonist. |
| Targets(IC50) | Others                                                                                                                  |

### Solubility Information

|            |                                                                                                |
|------------|------------------------------------------------------------------------------------------------|
| Solubility | H <sub>2</sub> O: 10 mM,<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|------------------------------------------------------------------------------------------------|

#### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.7666 mL | 13.8332 mL | 27.6663 mL |
| 5 mM  | 0.5533 mL | 2.7666 mL  | 5.5333 mL  |
| 10 mM | 0.2767 mL | 1.3833 mL  | 2.7666 mL  |
| 50 mM | 0.0553 mL | 0.2767 mL  | 0.5533 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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