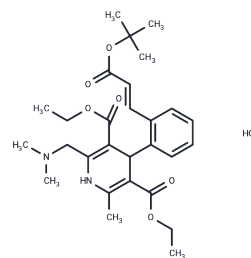


## Teludipine hydrochloride

### Chemical Properties

CAS No. : 108700-03-4  
 Formula: C<sub>28</sub>H<sub>39</sub>ClN<sub>2</sub>O<sub>6</sub>  
 Molecular Weight: 535.07  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Teludipine hydrochloride is a blocker of lipophilic calcium channel.
Targets(IC50)	Calcium Channel
In vitro	Teludipine is a blocker of lipophilic calcium channel. On cell lines, Telupidine displays the multidrug resistant phenotype.

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8689 mL	9.3446 mL	18.6891 mL
5 mM	0.3738 mL	1.8689 mL	3.7378 mL
10 mM	0.1869 mL	0.9345 mL	1.8689 mL
50 mM	0.0374 mL	0.1869 mL	0.3738 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.

### Reference

Tolomeo M, et al. Effects of R-enantiomer (GR66234A) and L-enantiomer (GR66235A) of teludipine, a new dihydropyridine derivative, on cell lines displaying the multidrug resistant phenotype. *Haematologica*. 1994 Jul-Aug;79(4):328-33.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481