



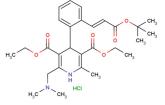
Teludipine hydrochloride

Chemical Properties

CAS No.: 108700-03-4 Formula: C28H39CIN2O6

Molecular Weight: 535.07 Appearance: N/A

Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

| Description | Teludipine hydrochloride is a blocker of lipophilic calcium channel. | | |
|----------------------------|--|--|--|
| Targets(IC ₅₀) | Calcium channel: None | | |
| In vitro | Teludipine is a blocker of lipophilic calcium channel. On cell lines, Telupidine displays the multidrug resistant phenotype. | | |

Solubility Information

| Solubility |
|------------|
|------------|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|----------|-----------|
| 1 mM | 1.869 mL | 9.345 mL | 18.689 mL |
| 5 mM | 0.374 mL | 1.869 mL | 3.738 mL |
| 10 mM | 0.187 mL | 0.934 mL | 1.869 mL |
| 50 mM | 0.037 mL | 0.187 mL | 0.374 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

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