

Chemical Properties

CCN(C)CN1C(=O)C(=C(C)C)C(=O)OC(=O)C(C)(C)C

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, Teludipine displays the multidrug resistant phenotype.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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	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.

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.

Inhibitors · Natural Compounds · Compound Libraries

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