

## Etripamil hydrochloride

## Chemical Properties

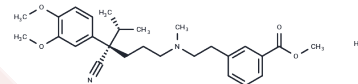
CAS No. : 2560549-35-9

Formula: C<sub>27</sub>H<sub>37</sub>ClN<sub>2</sub>O<sub>4</sub>

Molecular Weight: 489.047

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	Etripamil (MSP-2017) hydrochloride is a fast-acting L-type calcium channel blocker used in the study of paroxysmal supraventricular tachycardia (PSVT). By inhibiting calcium ion influx through slow calcium channels, etripamil hydrochloride slows atrioventricular nodal conduction and extends the atrioventricular nodal refractory period.
Targets(IC50)	Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0448 mL	10.2239 mL	20.4478 mL
5 mM	0.409 mL	2.0448 mL	4.0896 mL
10 mM	0.2045 mL	1.0224 mL	2.0448 mL
50 mM	0.0409 mL	0.2045 mL	0.409 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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