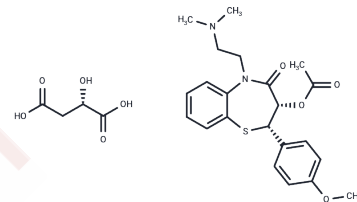


## Diltiazem malate

## Chemical Properties

CAS No. :	144604-00-2
Formula:	C <sub>26</sub> H <sub>32</sub> N <sub>2</sub> O <sub>9</sub> S
Molecular Weight:	548.60
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	Diltiazem malate is an ACE inhibitor and non-dihydropyridine calcium channel blocker used in the treatment of hypertension.
Targets(IC50)	Others, Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8228 mL	9.1141 mL	18.2282 mL
5 mM	0.3646 mL	1.8228 mL	3.6456 mL
10 mM	0.1823 mL	0.9114 mL	1.8228 mL
50 mM	0.0365 mL	0.1823 mL	0.3646 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

Bloomgarden ZT. American Diabetes Association annual meeting, 1997, and the Teczem Consultant Meeting. Diabetic nephropathy. Diabetes Care. 1998 Feb;21(2):315-9. PubMed PMID: 9540001.

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