

Monatepil 2maleate

Chemical Properties

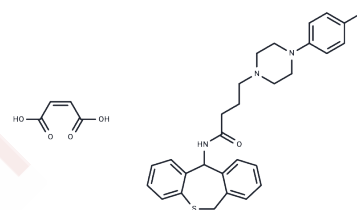
CAS No. :

Formula: C32H34FN3O5S

Molecular Weight: 591.69

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	Monatepil 2maleate is an orally active Ca ²⁺ -channel antagonist and ACAT inhibitor with alpha(1)-adrenergic receptor blocking activity and antiarrhythmic properties that inhibit vasoconstriction. Monatepil 2maleate may be used to study atherosclerosis.
Targets(IC50)	Calcium Channel, Adrenergic Receptor, Acyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6901 mL	8.4504 mL	16.9007 mL
5 mM	0.338 mL	1.6901 mL	3.3801 mL
10 mM	0.169 mL	0.845 mL	1.6901 mL
50 mM	0.0338 mL	0.169 mL	0.338 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

Liu MH, et al. Inhibition of vasoconstriction by AJ-2615, a novel calcium antagonist with alpha(1)-adrenergic receptor blocking activity in human conduit arteries used as bypass grafts. Br J Clin Pharmacol. 2001 Sep;52(3): 279-87.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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