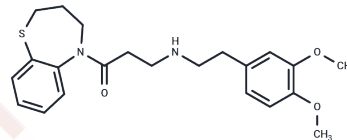


KT-362 free base

## Chemical Properties

CAS No. : 93392-97-3  
 Formula: C<sub>22</sub>H<sub>28</sub>N<sub>2</sub>O<sub>3</sub>S  
 Molecular Weight: 400.53  
 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	KT-362 is a calcium channel blocker with antihypertensive properties that can be used in the study of cardiovascular disease.
Targets(IC50)	Calcium Channel

## Solubility Information

Solubility	DMSO: 50 mg/mL (124.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4967 mL	12.4835 mL	24.9669 mL
5 mM	0.4993 mL	2.4967 mL	4.9934 mL
10 mM	0.2497 mL	1.2483 mL	2.4967 mL
50 mM	0.0499 mL	0.2497 mL	0.4993 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

Tomyama, et al. Preparation of benzothiazepines as cardiotonics. JP05065278A.

**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