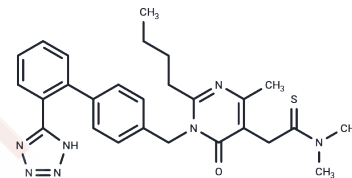


Fimasartan

Chemical Properties

CAS No. :	247257-48-3
Formula:	C ₂₇ H ₃₁ N ₇ O ₅
Molecular Weight:	501.65
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	Fimasartan (BR-A-657) is a non-peptide angiotensin II receptor antagonist (ARB) used for the treatment of hypertension and heart failure. Concurrent administration of fimasartan with diuretic hydrochlorothiazide has shown to be safe in clinical trials.
Targets(IC50)	Apoptosis,RAAS,NF-κB

Solubility Information

Solubility	DMSO: 50 mg/mL (99.67 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 2.5 mg/mL (4.98 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9934 mL	9.9671 mL	19.9342 mL
5 mM	0.3987 mL	1.9934 mL	3.9868 mL
10 mM	0.1993 mL	0.9967 mL	1.9934 mL
50 mM	0.0399 mL	0.1993 mL	0.3987 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

Ryu S, et al. Biol Pharm Bull. 2013;36(3):467-74.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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