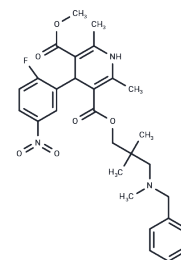


Palonidipine

Chemical Properties

CAS No. :	96515-73-0
Formula:	C ₂₉ H ₃₄ FN ₃ O ₆
Molecular Weight:	539.6
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	Palonidipine is an antagonist of calcium, is potential for the therapy of angina-pectoris and hypertension.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8532 mL	9.2661 mL	18.5322 mL
5 mM	0.3706 mL	1.8532 mL	3.7064 mL
10 mM	0.1853 mL	0.9266 mL	1.8532 mL
50 mM	0.0371 mL	0.1853 mL	0.3706 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

- Okamiya Y, et al. [Effect of palonidipine hydrochloride (TC-81), a novel calcium antagonist, on the canine coronary artery]. Nihon Yakurigaku Zasshi. 1993 Jul;102(1):23-33.
- Kishimoto T, et al. [Effect of palonidipine hydrochloride (TC-81), a new dihydropyridine derivative, on various myocardial ischemic models]. Nihon Yakurigaku Zasshi. 1993 Aug;102(2):85-100.
- K. Sunakawa, et al. Effects of palonidipine hydrochloride on respiratory and cardiovascular systems. January 1993

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