
Product Data Sheet

Product Name: Palonidipine

Cat. No.: GC36843

Chemical Properties

Cas. No. 96515-73-0

SMILES O=C(C1=C(C)NC(C)=C(C(OC)=O)C1C2=CC([N+])([O-])=O)=CC=C2F)OCC(C)(C)CN(C)CC3=CC=CC=C3Formula C₂₉H₃₄FN₃O₆ M.Wt 539.6

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Palonidipine is a calcium antagonist which is potential for the therapy of angina-pectoris and hypertension[1][2][3]. Calcium[1]

[1]. 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. [2]. 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. [3]. K. Sunakawa, et al. Effects of palonidipine hydrochloride on respiratory and cardiovascular systems. January 1993

Caution: Product has not been fully validated for medical applications. For research use only.

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