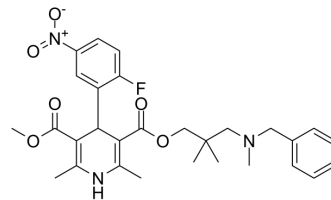


## Palonidipine

Cat. No.:	HY-108997
CAS No.:	96515-73-0
Molecular Formula:	C <sub>29</sub> H <sub>34</sub> FN <sub>3</sub> O <sub>6</sub>
Molecular Weight:	539.6
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Palonidipine is a calcium antagonist which is potential for the therapy of angina-pectoris and hypertension <sup>[1][2][3]</sup> .
IC <sub>50</sub> & Target	Calcium <sup>[1]</sup>

### REFERENCES

- [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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