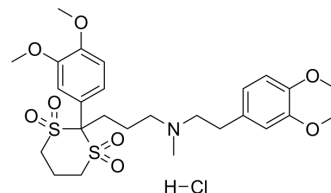


Tiapamil hydrochloride

Cat. No.:	HY-101674
CAS No.:	57010-32-9
Molecular Formula:	C ₂₆ H ₃₈ ClNO ₈ S ₂
Molecular Weight:	592.16
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	Tiapamil hydrochloride is a calcium channel blocker.
IC ₅₀ & Target	Calcium channel ^[1]
In Vitro	Tiapamil, a new calcium antagonist: hemodynamic effects in patients with acute myocardial infarction. Tiapamil is a new verapamil congener. Without precipitating left ventricular failure, Tiapamil reduced afterload and heart rate and maintained cardiac index while apparently improving diastolic compliance ^[1] . Tiapamil, a new calcium channel blocking agent with anti-anginal efficacy ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Eichler HG, et al. Tiapamil, a new calcium antagonist: hemodynamic effects in patients with acute myocardial infarction. *Circulation*. 1985 Apr;71(4):779-86.
- [2]. Khurmi NS, et al. Tiapamil, a new calcium channel blocking agent for the treatment of effort induced chronic stable angina pectoris.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA