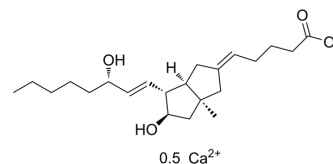


Ciprostene calcium

Cat. No.:	HY-122499
CAS No.:	81703-55-1
Molecular Formula:	$C_{22}H_{35}CaO_4^+$
Molecular Weight:	383.56
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ciprostene calcium is a prostacyclin analogue. Ciprostene calcium inhibits adenosine diphosphate-induced platelet aggregation. Ciprostene calcium can be used for research of peripheral vascular disease ^{[1][2]} .
In Vitro	Ciprostene calcium attenuates U-46619 (HY-108566) -induced cellular hypertrophy and MAP kinase activity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jones DA, et al. Activation of thromboxane and prostacyclin receptors elicits opposing effects on vascular smooth muscle cell growth and mitogen-activated protein kinase signaling cascades. *Mol Pharmacol*. 1995 Nov;48(5):890-6

[2]. Wolf DL, et al. Continuous intravenous dosing with ciprostone using a portable pump in ambulatory patients. *J Clin Pharmacol*. 1993 Feb;33(2):150-3.

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