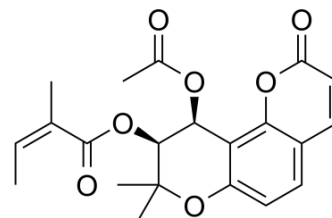


(±)-Praeruptorin A

Cat. No.:	HY-N0081
CAS No.:	73069-25-7
Molecular Formula:	C ₂₁ H ₂₂ O ₇
Molecular Weight:	386.4
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

(±)-Praeruptorin A is the di-esterified product of cis-khellactone (CKL) and the major active ingredient in Peucedani Radix which consists of the dried roots of *Peucedanum praeruptorum* Dunn (Apiaceae). (±)-Praeruptorin A has been widely employed as one of the famous traditional Chinese medicines (TCMs) for the treatment of cough with thick sputum and dyspnea, nonproductive cough and upper respiratory infections for centuries in China. (±)-Praeruptorin A has dramatically therapeutic effects on hypertension mainly through acting as a Ca²⁺-influx blocker^[1].

IC₅₀ & Target

Ca²⁺

REFERENCES

[1]. Song YL, et al. Metabolic characterization of (±)-praeruptorin A in vitro and in vivo by high performance liquid chromatography coupled with hybrid triple quadrupole-linear ion trap mass spectrometry and time-of-flight mass spectrometry. *J Pharm Biomed Anal.* 2014 Mar;90:98-110.

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