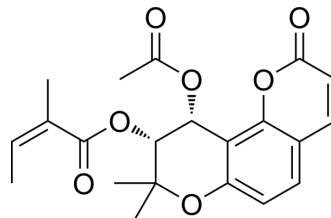


## (-)-Praeruptorin A

Cat. No.:	HY-N0081A
CAS No.:	14017-71-1
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> O <sub>7</sub>
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 Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(-)-Praeruptorin A is a nature product that could be isolated from the roots of *Peucedanum praeruptorum* Dunn. (-)-Praeruptorin A relaxes ileum and tracheal smooth muscles by activating NO/cGMP signaling pathway. (-)-Praeruptorin A has dramatically therapeutic effects on hypertension mainly through acting as a Ca<sup>2+</sup>-influx blocker<sup>[1]</sup>.

### REFERENCES

[1]. Xu Z, et, al. (+/-)-Praeruptorin A enantiomers exert distinct relaxant effects on isolated rat aorta rings dependent on endothelium and nitric oxide synthesis. *Chem Biol Interact.* 2010 Jul 30;186(2):239-46.

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

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