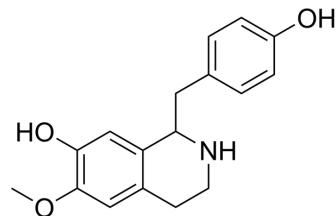


(±)-Coclaurine

Cat. No.:	HY-N11099
CAS No.:	2033-08-1
Molecular Formula:	C ₁₇ H ₁₉ NO ₃
Molecular Weight:	285.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(±)-Coclaurine is a natural product that can be found in <i>Roemeria refracta</i> . (±)-Coclaurine exhibits antioxidative activity and cardiovascular effects ^{[1][2][3]} .
In Vitro	(±)-Coclaurine (1 μM-1 mM) relaxes aortic rings contracted with KCl 70 mM in a concentration-dependent manner ^[3] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Gözler B, et, al. Epimeric Isopavine N-Oxides from *Roemeria refracta*. *Phytotherapy Research. Helvetica*. 1992 Feb 5; 75(1): 260-268.
- [2]. Cassels BK, et, al. Structure-antioxidative activity relationships in benzyloisoquinoline alkaloids. *Pharmacol Res*. 1995 Feb;31(2):103-7.
- [3]. Morales MA, et, al. Cardiovascular effects of plant secondary metabolites norarmepavine, coclaurine and norcoclaurine. *Phytotherapy Research*. 1998 Mar; 12(2): 103-109.

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

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