Corydalmine

Cat. No.: HY-N2573
CAS No.: 30413-84-4
Molecular Formula: C₂₀H₂₃NO₄
Molecular Weight: 341.4
Target: Fungal; CXCR
Pathway: Anti-infection; GPCR/G Protein; Immunology/Inflammation
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description
Corydalmine (L-Corydalmine) inhibits spore germination of some plant pathogenic as well as saprophytic fungi[1]. Corydalmine acts as an oral analgesic agent, exhibiting potent analgesic activity[2]. Corydalmine alleviates Vincristine-induced neuropathic pain in mice by inhibiting an NF-kappaB-dependent CXCL1/CXCR2 signaling pathway[3].

IC₅₀ & Target
CXCR2

In Vivo
Corydalmine (L-Corydalmine) is a potent analgesic agent, in cynomolgus monkey, beagle dog, rat and mouse liver microsomes[2].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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