(-)-Corynoxidine

Cat. No.: HY-N7010
CAS No.: 57906-85-1
Molecular Formula: C₂₁H₂₅NO₅
Molecular Weight: 371.43
Target: AChE; Bacterial
Pathway: Neuronal Signaling; Anti-infection
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description
(-)-Corynoxidine is an acetylcholinesterase inhibitor with an IC₅₀ value of 89.0 μM, isolated from the aerial parts of Corydalis speciosa[1]. (-)-Corynoxidine exhibits antibacterial activities against Staphylococcus aureus and methicillin-resistant S. aureus strains in different degrees[2].

IC₅₀ & Target
IC₅₀: 89.0 μM (acetylcholinesterase)[1]

REFERENCES