

Product Name : Peimisine

Synonyms : Ebeiensine

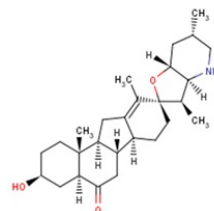
Cat No. : M18193

CAS Number : 19773-24-1

Molecular Formula : C₂₇H₄₁NO₃

Formula Weight : 427.62

Chemical Name : —



Description : Peimisine can affect M-receptor, excit β-receptor, restrain the release of internal calcium, and promote to releasing nitrogen monoxidum in order to relax tracheal smooth muscle and relieve asthma. Peimisine can attenuate lung tissue injury(ALI), LDH and MDA amount in ALI mice in a dose dependent manner, it also lower the total protein, total white blood cells, lymphocyte and neutrophilic leukocyte in bronchoalveolar lavage fluid(BALF); suggests that peimisine can play a protective role against LPS-induced acute lung injury. Peimisine has the protective effect on the experimental hepatic fibrosis formation, the possible mechanisms are associated with inhibiting fibrogenesis and fibrosis accumulation, and decreasing lipid peroxidation. Peimisine can inhibit angiotensin I converting enzyme activity in a dose-dependent manner, displaying 5 % inhibitory concentration values of 526.5 microM, thus, it may have antihypertensive action.

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : Others

Solubility : —

SMILES : CC1CC2C(C(C3(O2)CCC4C5CC(=O)C6CC(CCC6(C5CC4=C3C)C)O)C)NC1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :