Dehydroeffusol

Cat. No.: HY-N5058
CAS No.: 137319-34-7
Molecular Formula: C₁₇H₁₄O₂
Molecular Weight: 250.29
Target: Apoptosis
Pathway: Apoptosis
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description
Dehydroeffusol is a phenanthrene from medicinal herb Juncus effuses. Dehydroeffusol inhibits gastric cancer cell growth and tumorigenicity by selectively inducing tumor-suppressive endoplasmic reticulum stress and a moderate apoptosis. It shows very low toxicity.[1][2].

In Vitro
Dehydroeffusol suppresses the expression of vasculogenic mimicry key gene VE-cadherin[2]. Dehydroeffusol decreases the MMP2 expression and activity in gastric cancer cells[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.
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