Oroxin B

Cat. No.: HY-N1435
CAS No.: 114482-86-9
Molecular Formula: C_{27}H_{30}O_{15}
Molecular Weight: 594.52
Target: Apoptosis; PI3K; PTEN; Autophagy
Pathway: Apoptosis; PI3K/Akt/mTOR; Autophagy
Storage: 4°C, protect from light
* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

BIOLOGICAL ACTIVITY

Description
Oroxin B (OB) is a flavonoid isolated from traditional Chinese herbal medicine Oroxylum indicum (L.) Vent. Oroxin B (OB) possesses obvious inhibitory effect and induces early apoptosis rather than late apoptosis on liver cancer cells through upregulation of PTEN, down regulation of COX-2, VEGF, PI3K, and p-AKT[1]. Oroxin B (OB) selectively induces tumor-suppressive ER stress in malignant lymphoma cells[2].

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