

Product Name : Murrangatin

Synonyms :

Cat No. : M30952

CAS Number : 37126-91-3

Molecular Formula : C₁₅H₁₆O₅

Formula Weight : 276.3

Chemical Name : —

Description : Murrangatin may be a valuable anti-tumor-promoting agent, it can significantly inhibit Epstein-Barr virus early antigen (EBV-EA) activation, and preserve the high viability of Raji cells, it also exhibits cytotoxicity against cholangiocarcinoma cell line, KKU-100. Murrangatin exhibits antibacterial activity against *P. gingivalis* (ATCC 33277). Murrangatin also shows soluble epoxide hydrolase inhibitory activity with IC₅₀ values 13.9±6.5μM. Murrangatin and murracarpin may be a new backbone for developing inhibitors of cyclooxygenase 2, they show chondroprotective activity by downregulation of interleukin-1β, tumor necrosis factorα, prostaglandins E2, and matrix metalloproteinases -13, and both of them may be a new backbone for developing inhibitors of cyclooxygenase 2.

Pathway : Others

Target : Other Targets

Receptor : —

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :