

Limonin Catalog No: tcsc1237

Available Sizes

Size: 50mg

Size: 100mg

Specifications

CAS No:

1180-71-8

Formula:

 $C_{26}H_{30}O_{8}$

Pathway:

Anti-infection

Target:

HIV

Purity / Grade:

>98%

Solubility: DMSO : \geq 110 mg/mL (233.79 mM)

Alternative Names:

Limonoic acid 3,19:16,17 dilactone

Observed Molecular Weight:

470.51

Product Description

Limonin is a triterpenoid enriched in citrus fruits, which has antivirus and antitumor ability.

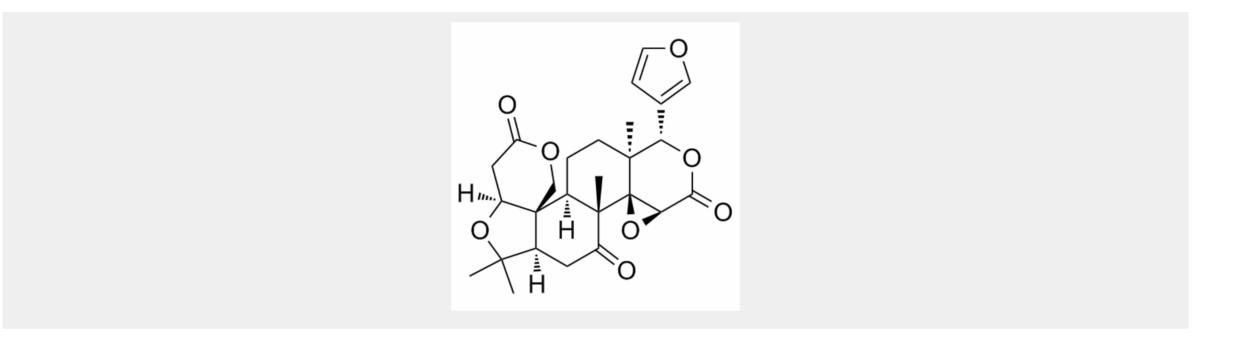
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IC50 Value:

Target: HIV; anticancer

Limonin is a triterpenoid aglycone that is a bitter principle of citrus fruits. Limonin is chemically induced carcinogenesis inhibitor and HIV-1 replication inhibitor. Limonin has anti-proliferative, proapoptotic activity on several cancer cell lines and inhibits azoxymethaneinduced colon cancer in rats. Limonin also inhibits HIV-1 replication in culturedf monocytes, macrophages, and mononuclear cells, perhaps by inhibition of HIV-1 protease activity.



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