

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 : ≥ 110 mg/mL (233.79 mM)

Alternative Names:

Limonoic acid 3,19:16,17 dilactone

Observed Molecular Weight:

470.51

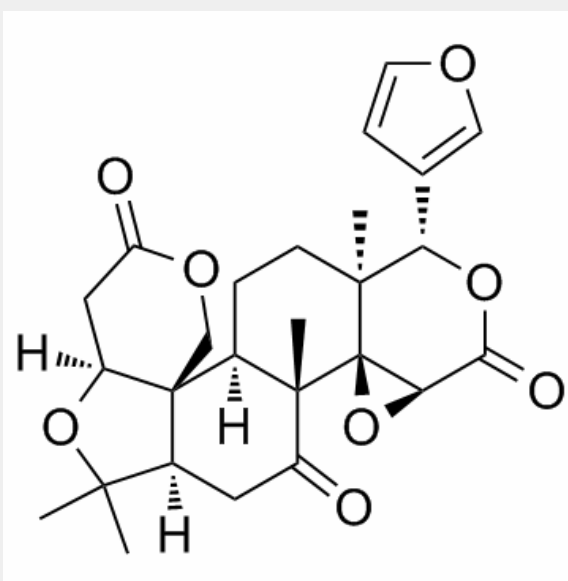
Product Description

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

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 azoxymethane-induced colon cancer in rats. Limonin also inhibits HIV-1 replication in cultured monocytes, macrophages, and mononuclear cells, perhaps by inhibition of HIV-1 protease activity.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!