Product Name: Fumagillin

Product Number: F029

CAS Number: 23110-15-8

Molecular Formula: C_{26}H_{34}O_{7}

Molecular Weight: 458.6

Appearance: Yellow powder

Storage Conditions: -20°C

Description: Fumagillin is a polyene mycotoxin isolated from Aspergillus fumigatus in 1951 as a potent antiprotozoan for the treatment of amoebiasis. More recently, fumagillin has been shown to inhibit endothelial cell proliferation and angiogenesis.

Fumagillin is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Mechanism of Action: Fumagillin inhibits endothelial cell proliferation and angiogenesis by inhibiting methionine aminopeptidase-2 (MetAP-2).

References:


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