

Catalog	Unit
TBI1173-100MG	100 mg
TBI1173-500MG	500 mg

Product Details

Molecular Formula: C₂₀H₃₀O₆

Formula Weight: 350.45

CAS Number: 5508-58-7

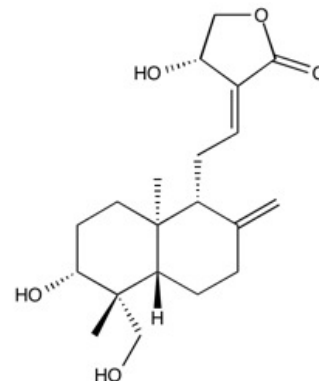
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 8 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Induces mitochondrial-mediated apoptosis

Functions

Major bioactive component of the medicinal plant *Andrographis paniculate*. Demonstrates anti-inflammatory anti-apoptotic, anti-viral and anti-proliferative effects in vitro and in vivo. Prevents hyperglycemia in rat diabetes model. Irreversible antagonist of NK-κB and AP-1 (IC₅₀ = 15 μM)

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 8 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

For research use only.