

| Catalog | Unit |
|--------------|-------|
| TBI2251-10MG | 10 mg |
| TBI2251-50MG | 50 mg |

Product Details

Formal Name: (1S,4S,12S,13R,16R,17R)-17-(hydroxymethyl)-12-methyl-8-oxapentacyclo-[14.2.1.01,13.04,12.05,9]nonadeca-5(9),6-dien-17-ol

Molecular Formula: C₂₀H₂₈O₃

Formula Weight: 316.4

CAS Number: 469-83-0

Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 5 mg/ml).

Storage: -20°C

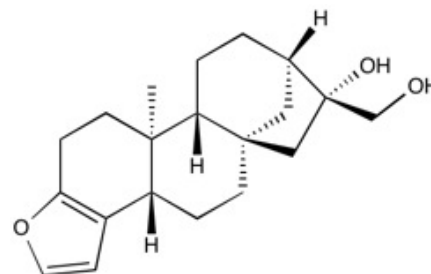
Stability: ≥ 2 years.

Applications

Neuroprotective

Functions

Cafestol is a bioactive diterpene found in coffee. It displays a number of interesting protective effects including stimulation of glutathione S-transferase activity, and protection against aflatoxin-induced genotoxicity. It produces neuroprotective effects in Drosophila models of Parkinson's disease and in other models. In humans cafestol raises serum cholesterol and acts as an agonist at farnesoid and pregnane X receptors.



Application Procedures

First dissolved in DMSO (50 mg/ml) or in Ethanol (5 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.