

Gambogic acid, Survivin inhibitor

Catalog	Unit
TBI2188-5MG	5 mg
TBI2188-25MG	25 mg

Product Details

Molecular Formula: C₃₈H₄₄O₈

Formula Weight: 628.75

CAS Number: 2752-65-0

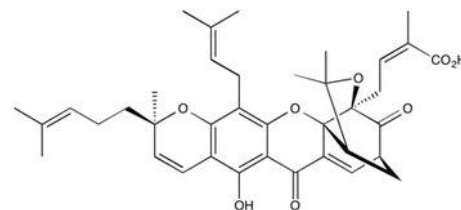
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 45 mg/ml) or in Ethanol (up to 50 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Survivin inhibitor

Functions

Induces apoptosis in a variety of cell lines acting as an antagonist of Bcl-2 family proteins (IC₅₀ < 1 μM), however additional targets may contribute to its cytotoxicity. It suppresses cancer invasion and migration by inhibiting TGFβ1-induced epithelial-to-mesenchymal transition. Potentiates the chemosensitivity of cancer cells to other agents. Down-regulates surviving, reversing docetaxel resistance in cancer cells.

Application Procedures

First dissolved in DMSO (up to 45 mg/ml) or in Ethanol (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.