

Zerumbone, Apoptosis enhancer

Catalog	Unit
TBI2247-10MG	10 mg
TBI2247-50MG	50 mg

Product Details

Formal Name: (2E,6E,10E)-2,6,9,9-Tetramethyl-2,6,10-cycloundecatrien-1-one

Molecular Formula: C₁₅H₂₂O

Formula Weight: 218.34

CAS Number: 471-05-6

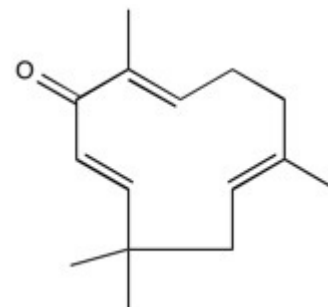
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Apoptosis enhancer

Functions

Natural sesquiterpene ketone isolated from Zingiber sp. Potentiates TRAIL-induced apoptosis via upregulation of death receptor DR4 and DR5 expression. Induces apoptosis in T-acute lymphoblastic leukemia cells. Has no cytotoxic effect on normal cells. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Ethanol (up to 25 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.