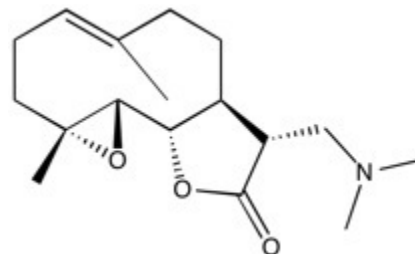


DMAPT, NFκB inhibitor

Catalog	Unit
TBI2825-5MG	5 mg
TBI2825-25MG	25 mg

Product Details

Formal Name: Dimethylamino-parthenolide
Molecular Formula: C₁₇H₂₇NO₃
Formula Weight: 293.41
CAS Number: 870677-05-7
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO, Ethyl acetate, or Ethanol.
Storage: -20°C
Stability: ≥ 2 years.



Applications

NFκB inhibitor

Functions

A water soluble analog of the natural plant product parthenolide which suppresses in vivo tumor growth of two tobacco-associated neoplasms, lung and bladder cancer. It inhibits NFκB and stimulates the formation of reactive oxygen species which induced the activation of JNK. In non-small cell lung cancers it inhibits NFκB and DNA double-strand break repair.

Application Procedures

First dissolved in DMSO, Ethyl acetate, or Ethanol, then diluted to aqueous buffer. Solutions in DMSO, ethanol, or ethyl acetate may be stored at -20° for up to 1 month.

For research use only.