

Brefeldin A

Cat: B8581

Specification: 5mg

Storage: Store at -20°C, and it is valid for 2 years.

Product Information

CAS: 20350-15-6

Synonyms: Ascotoxin, Cyanein, Decumbin, Synergisidin

Chemical Name: (1S,2E,7S,10E,12R,13R,15S)-12,15-dihydroxy-7-methyl-8-oxabicyclo[11.3.0]hexadeca-2,10-dien-9-one

Molecular Formula: C₁₆H₂₄O₄

Molecular Weight: 280.4

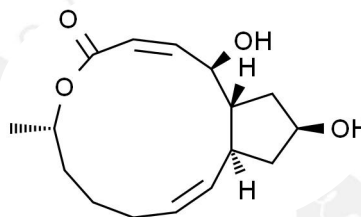
Appearance (Character): Crystalline solid

Source: Eupenicillium brefeldianum

Purity: ≥98%

Molecular Structure:

Solubility: Soluble in organic solvents such as ethanol or DMSO. 4mg/mL in DMSO.



Introduction

Brefeldin A is a lactone antibiotic originating discovered in fungi capable of inhibiting protein transport from the endoplasmic reticulum to the Golgi apparatus. It is reported to act on the guanine nucleotide exchange factor named GBF1 that mediates the formation of transport vesicles and the unfolded protein response can result in apoptosis in some cells.

Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.