

RPM0043

Leader in Biomolecular Solutions for Life Science



Brefeldin A(布雷非德菌素 A)(ATPase 抑制剂)

Catalog No.: RPM0043

Sequence Information

Species **Gene ID** **Swiss Prot**
C16H24O4

Tags
固体

Synonyms

BFA; Ascotoxin; 布雷非德菌素 A;
Cyanein; Decumbin

Product Information

Source **Purification**
 > 99%

Endotoxin

ATPase,Mitophagy,Antibiotic,Autophagy,HSV,CRISPR/Cas9

Formulation

Ethanol: 2.8 mg/mL (10 mM) DMSO:
14 mg/mL (50 mM)

Reconstitution

Background

Brefeldin A (Cyanein) 属于大环内酯类抗生素，是一种 ATPase 抑制剂 (IC₅₀=0.2 μM)。Brefeldin A 可以诱导肿瘤细胞分化和凋亡，也具有抑制自噬的活性。是蛋白质运输的特定抑制剂。Brefeldin A 阻断分泌蛋白和膜蛋白从内质网向高尔基体的转运。Brefeldin A 也是一种自噬 (autophagy) 和 mitophagy 抑制剂。Brefeldin A 还是一种 CRISPR/Cas9 激动剂，可抑制 HSV-1 病毒，并具有抗癌活性。

Basic Information

Description

Brefeldin A(布雷非德菌素 A)(ATPase 抑制剂)

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C.store at low temperature,store under nitrogen

Powder: -20°C for 3 years

In solvent: -80°C for 1 year

Shipping with blue ice/Shipping at ambient temperature.Powder: -20°C for 3 years

In solvent: -80°C for 1 year

Shipping with blue ice/Shipping at ambient temperature.

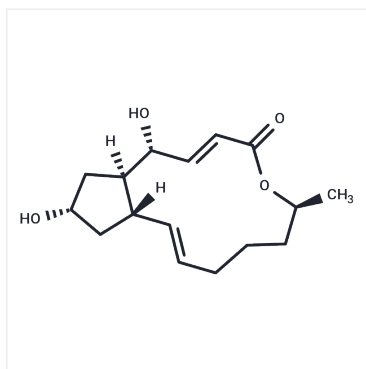
Avoid repeated freeze/thaw cycles.

Contact

 www.abclonal.com

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Validation Data



Chemical structure of Brefeldin A(布雷非德菌素 A)(ATPase 抑制剂),CAS
No.20350-15-6