

RPM0031

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Rapamycin(雷帕霉素)(西罗莫司)(免疫抑制剂)

Catalog No.: RPM0031

Sequence Information

Species Gene ID Swiss Prot

C₅₁
</sub>H<sub>
>79</sub>
NO₁₃
</sub>

Tags

固体

Synonyms

Sirolimus; AY 22989; 雷帕霉素; 西罗莫司; NSC-2260804

Product Information

| Source | Purification |
|--------|--------------|
| | > 98% |

Endotoxin

mTOR:0.1 nM (HEK293 cells)

Formulation

Ethanol: 100 mg/mL (109 mM),
Sonication is recommended. H₂O:
Insoluble 10% DMSO+40%
PEG300+5% Tween 80+45% Saline: 10
mg/mL (10.94 mM), Working solution
is recommended to be prepared and
used immediately. DMSO: 100 mg/mL
(109 mM), Sonication is
recommended.

Reconstitution

Contact



www.abclonal.com

Background

Rapamycin (AY 22989) 属于大环内酯类天然产物，是一种 mTOR 抑制剂，具有特异性 (HEK293 细胞 : IC₅₀=0.1 nM)。Rapamycin 具有免疫抑制活性，并能诱导自噬。

Basic Information

Description

Rapamycin(雷帕霉素)(西罗莫司)(免疫抑制剂)

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

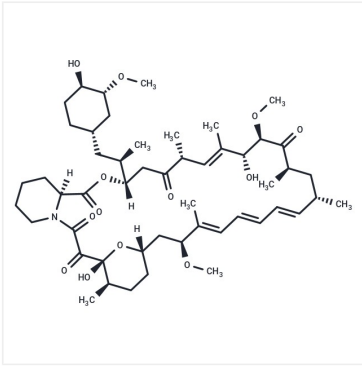
In solvent: -80°C for 1 year

Shipping with blue ice/Shipping at ambient temperature.

Avoid repeated freeze/thaw cycles.

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

Validation Data



Chemical structure of Rapamycin(雷帕霉素)(西罗莫司)(免疫抑制剂),CAS No.53123-88-9