

RPM0029

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Tacrolimus(他克莫司)(免疫抑制剂)

Catalog No.: RPM0029

Sequence Information

Species Gene ID Swiss Prot

C₄₄
/sub>H₆₉
>69</sub>
NO₁₂
</sub>

Tags

固体

Synonyms

Fujimycin; 他克莫司; FK506; FR900506

Product Information

Source Purification

> 98%

Endotoxin

FKBP12:0.2 nM (Kd)

Formulation

Ethanol: 80.4 mg/mL (100 mM) DMSO:
45 mg/mL (55.97 mM) 10%
DMSO+40% PEG300+5% Tween
80+45% Saline: 8.04 mg/mL (10 mM),
Working solution is recommended to
be prepared and used immediately.

Reconstitution

Background

Tacrolimus (Fujimycin) 属于大环内酯类抗生素，可以与 FKBP12 结合形成高亲和力复合物 ($K_i=0.2$ nM)，抑制钙/钙调蛋白依赖性蛋白磷酸酶的活性。Tacrolimus 是一种免疫抑制剂，通过抑制 IL-2 的释放，全面抑制 T 淋巴细胞的作用。

Basic Information

Description

Tacrolimus(他克莫司)(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.

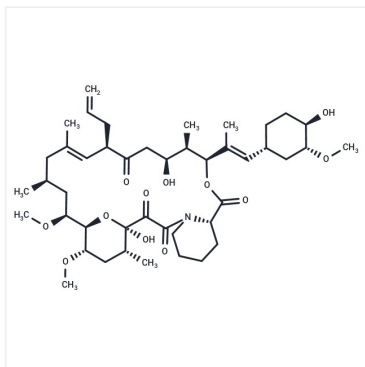
Contact



www.abclonal.com

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Validation Data



Chemical structure of Tacrolimus(他克莫司)(免疫抑制剂),CAS
No.104987-11-3