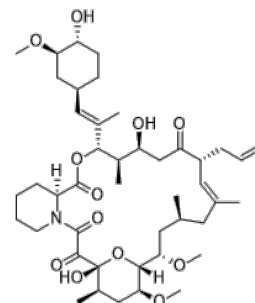


Product Name : Tacrolimus
Cat. No. : PC-22184
CAS No. : 104987-11-3
Molecular Formula : C₄₄H₆₉NO₁₂
Molecular Weight : 804.03
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Tacrolimus (FK506) is a macrocyclic lactone that binds to FK506 binding protein (**FKBP**) to form a complex, inhibits calcineurin phosphatase, which inhibits T-lymphocyte signal transduction and IL-2 transcription, shows immunosuppressive properties.

References

- Tocci MJ, et al. *J Immunol.* 1989 Jul 15;143(2):718-26.
Standaert RF, et al. *Nature.* 1990 Aug 16;346(6285):671-4.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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