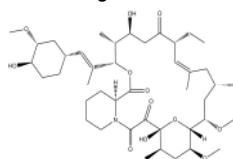


Ascomycin

CATALOG #: 1573-2
Alternate Names: [Immunomycin] [FK-520] [FR-520] [FR 900520] [L-683590]

AMOUNT: 2 mg

STRUCTURE:



MOLECULAR FORMULA: C₄₃H₆₉NO₁₂

CAS#: 104987-12-4

MOLECULAR WEIGHT: 792

PURITY: ≥99%

APPEARANCE: Off-white solid

SOLUBILITY: Soluble in DMSO and ethanol

STORAGE CONDITIONS: -20°C in the dark. Do not expose to sunlight or fluorescent lights for extended periods.

BACKGROUND: Ascomycin (also known as Immunomycin) is an analog of tacrolimus with immunosuppressive, neurotrophic and antifungal activities. Ascomycin can be used to prevent rejection after an organ transplant, and to treat autoimmune diseases and skin diseases. Ascomycin inhibits the production of T helper type 1 and cytokines in target cells.

CAUTION: Do not ingest, swallow, or inhale. Do not get in eyes or on skin. Care should be taken to prevent contact through all routes of exposure.

RELATED PRODUCTS:

Ascomycin (**Cat. No. 1570-2**)
Cyclosporin A (**Cat. No. 1522-100, 1G**)
(R,S)-Lenalidomide (**Cat. No. 1862-25, 100**)
FK506 (**Cat. No. 1563-1,10**)
Fingolimod (**Cat. No. 1618-5, 25**)
Laquinimod (**Cat. No. 2332-5, 25**)
Leflunomide (**Cat. No.1972-10, 50**)
Mycophenolic acid (**Cat. No. 1882-50, 250**)
Rapamycin (**Cat. No. 1568-5, 50**)
Rocaglamide (**Cat. No. 1863-100**)

For Research Use Only! Not to be used in humans.