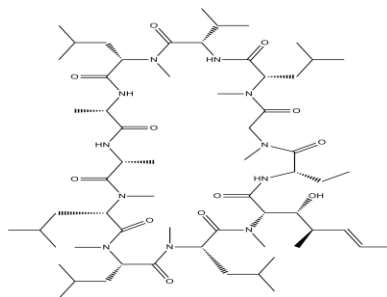


## Cyclosporin A, *Fusarium solani*

**CATALOG #:** 1522-100 100 mg  
1522-1g 1 gram

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>62</sub>H<sub>111</sub>N<sub>11</sub>O<sub>12</sub>

**MOLECULAR WEIGHT:** 1202.6

**CAS NUMBER:** 59865-13-3

**PHYSICAL APPEARANCE:** White Power

**PURITY:** ≥99%

**SOLUBILITY:** Soluble in ethanol and DMSO; slightly soluble in water.

**STORAGE CONDITIONS:** Store at +4°C and keep dry.

**DESCRIPTION:** A fungal metabolite possessing potent immunosuppressive properties. It inhibits the T-cell receptor signal transduction pathway via the formation of cyclosporin A-cyclophilin complex that inhibits calcineurin (protein phosphatase 2B).

**CAUTION:** TOXIC. Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used in humans!**

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies