

## Pimecrolimus

Cat. No. CEI-1025

Lot. No. (See product label)

### Introduction

#### Description

Pimecrolimus, a rapamycin (sirolimus) derivative, is a cell-selective inhibitor of inflammatory cytokines developed for the treatment of inflammatory skin diseases, such as allergic contact dermatitis, atopic dermatitis, plaque-type psoriasis, and irritant contact dermatitis. It reduces the production of inflammatory cytokines in T cells and mast cells and inhibits the release of preformed inflammatory mediators from mast cells.

#### Synonyms

Elidel, SDZ-ASM-981

### Product Information

#### Appearance

white crystalline powder.

#### CAS No.

137071-32-0

#### Molecular Formula

C<sub>43</sub>H<sub>68</sub>ClNO<sub>11</sub>

#### Molecular Weight

810.4 Da

#### Purity

>99%

#### Targets

Cytokine

#### Solubility

Soluble in DMSO and ethanol, up to about 25 mg/ml

### Storage and Shipping Information

#### Stability

Store at or below -20°C. Solid form is stable at least 12 months from date of receipt, when stored as directed. Do not store aqueous solutions for more than one day.