

## Rocaglamide

Cat. No. CEI-0589

Lot. No. (See product label)

### Introduction

#### Description

An immunosuppressant and a potent inhibitor of NF-κB activation in T cells, with an almost complete inhibition at 200 nM. Suppresses cytokine production (IFN-γ, TNF-α, IL-2 and IL-4) and inhibits NF-AT in peripheral blood T cells at concentrations that do not impair NF-κB and AP-1 activities. Also induces mitochondria-mediated apoptosis in leukemia cells and sensitizes CD95/CD95L-mediated apoptosis in malignant T-cells by differential regulation of CD95L and c-FLIP expression.

#### Synonyms

Rocaglamide A

### Product Information

#### Appearance

White solid

#### CAS No.

84573-16-0

#### Molecular Formula

C<sub>29</sub>H<sub>31</sub>NO<sub>7</sub>

#### Molecular Weight

228.2

#### Purity

>98% by HPLC

#### Targets

NFKB1

#### Solubility

DMSO (100 mM) or H<sub>2</sub>O (100 mM)

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack