

Rocaglamide

Cat. No. CEI-0589

Lot. No. (See product label)

Introduction

Description An immunosuppressant and a potent inhibitor of NF- κ B 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- κ B 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 C₂₉H₃₁NO₇

Molecular Weight 228.2

Purity >98% by HPLC

Targets NFKB1

Solubility DMSO (100 mM) or H₂O (100 mM)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack