



CERTIFICATE OF ANALYSIS

PRODUCT: **Rocaglamide**
[Rocaglamide A]
C₂₉H₃₁NO₇, M.W. 505.56, CAS# [84573-16-0]

PRODUCT NUMBER: R-2420

LOT NUMBER: C1339

APPEARANCE: White to off-white powder

SOLUBILITY: Slightly soluble in EtOH or DMSO.

PURITY (HPLC): ≥ 98%

PRODUCT INFORMATION: 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.

STORAGE & HANDLING: Store desiccated at -20°C.
PROTECT FROM AIR & LIGHT!

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified:

A handwritten signature in blue ink, appearing to be 'J. Smith' or similar, written over a light blue horizontal line.