

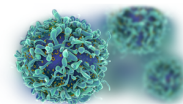
Rocaglamide Loaded Liposomes

Catalog: Lipo-003RG

Rocaglamide (Roc-A), isolated from Aglaia species, is a potent inhibitor of heat shock factor 1 (HSF1) activation with IC₅₀ of ~50 nM for HSF1. Rocaglamide inhibits the function of the translation initiation factor eIF4A. Rocaglamide also inhibits NF- κ B activity. Rocaglamide exhibits anti-tumor activity. This product is a PEG modified pre-formulated liposome with Rocaglamide (Roc-A) loaded. It is supplied ready to use in vitro or in vivo studies.

PRODUCT INFORMATION

Product Name	Rocaglamide Loaded Liposomes
Catalog Number	Lipo-003RG
Product Overview	Rocaglamide (Roc-A), isolated from Aglaia species, is a potent inhibitor of heat shock factor 1 (HSF1) activation with IC ₅₀ of ~50 nM for HSF1. Rocaglamide inhibits the function of the translation initiation factor eIF4A. Rocaglamide also inhibits NF- κ B activity. Rocaglamide exhibits anti-tumor activity. This product is a PEG modified pre-formulated liposome with Rocaglamide (Roc-A) loaded. It is supplied ready to use in vitro or in vivo studies.
Lipid Composition	/
Active Ingredients	Rocaglamide
Form	Liquid
Storage Buffer	292 mM sucrose, 0.5% DPBS (1X)
Concentration	4.0 mg/mL ($\pm$ ~5%) (Concentration Rocaglamide); Lipid Concentration 60 mM
Stability	At least 1 month


Storage

2 °C to 8 °C (do not freeze), protect from light

USAGE GUIDELINES

General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to 3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.