

Rapamycin Loaded Liposomes

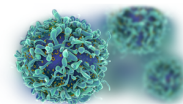
Catalog: Lipo-005RG

Rapamycin (AY-22989, Rapamune, Sirolimus, NSC-2260804, AY-22989) is a specific mTOR inhibitor with IC₅₀ of ~0.1 nM HEK293 cells. This product is a PEG modified pre-formulated liposome with Rapamycin (Sirolimus; AY-22989) loaded. It is supplied ready to use in vitro or in vivo studies.

PRODUCT INFORMATION

Product Name	Rapamycin Loaded Liposomes
Catalog Number	Lipo-005RG
Product Overview	Rapamycin (AY-22989, Rapamune, Sirolimus, NSC-2260804, AY-22989) is a specific mTOR inhibitor with IC ₅₀ of ~0.1 nM HEK293 cells. This product is a PEG modified pre-formulated liposome with Rapamycin (Sirolimus; AY-22989) loaded. It is supplied ready to use in vitro or in vivo studies.
Lipid Composition	/
Active Ingredients	Rapamycin
Form	Liquid
Storage Buffer	292 mM sucrose, 0.5% DPBS (1X)
Concentration	3.3 mg/mL (Concentration Rapamycin); 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.