

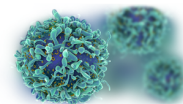
SP600125 Loaded Liposomes

Catalog: Lipo-004RG

SP600125 (Nsc75890) is a broad-spectrum JNK inhibitor for JNK1, JNK2 and JNK3 with IC₅₀ of 40 nM, 40 nM and 90 nM in cell-free assays, respectively; 10-fold greater selectivity against MKK4, 25-fold greater selectivity against MKK3, MKK6, PKB, and PKC γ , and 100-fold selectivity against ERK2, p38, Chk1, EGFR etc. SP600125 is also a broad-spectrum inhibitor of serine/threonine kinases including Aurora kinase A Δ LT3 and TRKA with of IC₅₀ of 60 μ M, 90 μ M and 70 μ M. SP600125 inhibits autophagy and activates apoptosis. This product is a PEG modified pre-formulated liposome with SP600125 (Nsc75890) loaded. It is supplied ready to use in vitro or in vivo studies.

PRODUCT INFORMATION

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Product Overview	SP600125 (Nsc75890) is a broad-spectrum JNK inhibitor for JNK1, JNK2 and JNK3 with IC ₅₀ of 40 nM, 40 nM and 90 nM in cell-free assays, respectively; 10-fold greater selectivity against MKK4, 25-fold greater selectivity against MKK3, MKK6, PKB, and PKC γ , and 100-fold selectivity against ERK2, p38, Chk1, EGFR etc. SP600125 is also a broad-spectrum inhibitor of serine/threonine kinases including Aurora kinase A Δ LT3 and TRKA with of IC ₅₀ of 60 μ M, 90 μ M and 70 μ M. SP600125 inhibits autophagy and activates apoptosis. This product is a PEG modified pre-formulated liposome with SP600125 (Nsc75890) loaded. It is supplied ready to use in vitro or in vivo studies.
Lipid Composition	/
Active Ingredients	SP600125
Form	Liquid



Storage Buffer	292 mM sucrose, 0.5% DPBS (1X)
Concentration	250 mcg/mL (Concentration Cefixime); 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.