

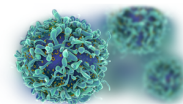
Ixabepilone Loaded Liposomes

Catalog: Lipo-002RG

Ixabepilone (Azaepothilone B, BMS-247550, Ixempra, Aza-epothilone B) is an orally bioavailable microtubule inhibitor. It binds to tubulin and promotes tubulin polymerization and microtubule stabilization, thereby arresting cells in the G2-M phase of the cell cycle and inducing tumor cell apoptosis. This product is a PEG modified pre-formulated liposome with Ixabepilone (BMS-247550) loaded. It is supplied ready to use in vitro or in vivo studies.

PRODUCT INFORMATION

Product Name	Ixabepilone Loaded Liposomes
Catalog Number	Lipo-002RG
Product Overview	Ixabepilone (Azaepothilone B, BMS-247550, Ixempra, Aza-epothilone B) is an orally bioavailable microtubule inhibitor. It binds to tubulin and promotes tubulin polymerization and microtubule stabilization, thereby arresting cells in the G2-M phase of the cell cycle and inducing tumor cell apoptosis. This product is a PEG modified pre-formulated liposome with Ixabepilone (BMS-247550) loaded. It is supplied ready to use in vitro or in vivo studies.
Lipid Composition	/
Active Ingredients	Ixabepilone
Form	Liquid
Storage Buffer	292 mM sucrose, 0.5% DPBS (1X)
Concentration	2.5 mg/mL ($\pm$ ~5%) (Concentration Ixabepilone); 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.