

E7389
(NSC 707389)

Common Names: Halichondrin B analog, ER-086526, B1939

Classification: Synthetic analog of the very rare marine sponge natural product, halichondrin B

Molecular Formula: C₄₀H₅₉NO₁₁ • CH₃SO₃H **M.W.:** 826

Approximate Solubility: Slightly soluble in water, soluble in ethanol

Mode of Action: Tubulin-binding agent (inhibition of microtubule polymerization)

How Supplied: E7389 is supplied by the DCTD/NCI as a 500 mcg/mL solution in ethanol/water (5:95); 1 mL vial

Preparation: E7389 may be administered without further dilution or may be diluted with 0.9% Sodium Chloride Injection, USP, to a concentration between 25 mcg/mL and 50 mcg/mL.

Storage: Store the intact vials in the refrigerator (2° to 8°C).

Stability: Shelf-life surveillance of the intact vials is on-going. The 500 mcg/mL solution has been shown to be stable at room temperature in a 1 mL plastic tuberculin (TB) syringe, with the needle on, for at least four hours. The 25 mcg/mL and the 50 mcg/mL solutions have been shown to be stable in PVC bags for at least 24 hours.

CAUTION: The single-use dosage form contains no antibacterial preservatives. Therefore, it is advised that the product be discarded 8 hours after initial entry.

Route of Administration: Intravenous

Container Label:

