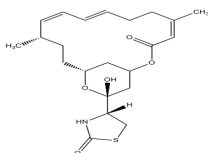


PRODUCT: Latrunculin A**ALTERNATE NAMES:** LAT-A; NSC 613011**CATALOG #:** 2181-100**AMOUNT:** 100 µg**STRUCTURE:****MOLECULAR FORMULA:** C₂₂H₃₁NO₃S**MOLECULAR WEIGHT:** 421.55**CAS NUMBER:** 76343-93-6**APPEARANCE:** White to light yellow solid**SOLUBILITY:** DMSO or EtOH**PURITY:** ≥96% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** A cell-permeable marine toxin. Disrupts microfilament-mediated processes. Actin polymerization inhibitor *in vitro* and *in vivo* by the formation of a 1:1 complex with monomeric G-actin. Depolymerizes actin filaments (F-actin) and acts as a phagocytosis inhibitor. Anticancer compound. Suppresses hypoxia-induced HIF-1 activation in tumor cells. Inhibits tumor cell invasion.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Jasplakinolide (Cat. No. 1689-05)

Latrunculin B (Cat. No. 2182-1)

