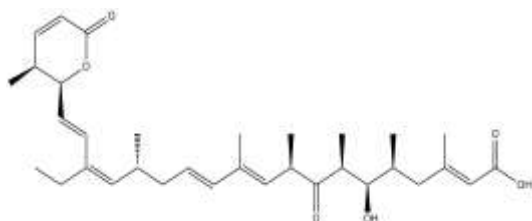


EZSolution™ Leptomycin B

ALTERNATE NAME LMB; Elactocin; Mantuamycin; CI-940; CL-1957A; PD-114720; ATS 1287B

CATALOG #: 1814-025 25 µg

STRUCTURE:



MOLECULAR FORMULA: C₃₃H₄₈O₆

MOLECULAR WEIGHT: 540.73

CAS NUMBER: 87081-35-4

APPEARANCE: Liquid

FORMULATION: In absolute Ethanol (0.2 mg/ml)

PURITY: ≥99% by HPLC

STORAGE: Store at -20°C. Protect from air and light. Unstable in DMSO

DESCRIPTION: A potent, specific inhibitor of nuclear export signal (NES)-dependent protein export from the nucleus. It alkylates and inhibits *CRM1* (chromosomal region maintenance)/exportin 1 (*XPO1*), a protein required for nuclear export of proteins containing a nuclear export sequence. At low nM concentrations, Leptomycin B blocks the nuclear export of many proteins including HIV-1 Rev, MAPK/ERK, and NF-κB/IκB, and it stabilizes the expression of p53.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Honokiol (**Cat. No. 1762-10, 50**)
- IκBα Monoclonal Antibody (**Cat. No. 3315-100**)
- IκBα Polyclonal Antibody (**Cat. No. 3252-100**)
- IKKα/IKK-1 Polyclonal Antibody (**Cat. No. 3185-100**)
- NF-κB p50 Polyclonal Antibody (**Cat. No. 3345R-100**)
- NF-κB p65 Monoclonal Antibody (**Cat. No. 3012-100**)
- NF-κB p65 Polyclonal Antibody (**Cat. No. 3038-100**)
- NF-κB p105 Polyclonal Antibody (**Cat. No. 3897-200**)
- PTDC (**Cat. No. 1676-100**)
- Triptolide (**Cat. No. 1761-1,5**)