**Product Name:** Kazusamycin B  
**Product Number:** K019  
**CAS Number:** 107140-30-7  
**Molecular Formula:** C_{32}H_{46}O_{7}  
**Molecular Weight:** 542.7  
**Appearance:** Colourless Film  
**Storage Conditions:** -20°C  
**Description:** Kazusamycin B is a minor component of the leptomycin complex produced by some Streptomyces sp.. It is an hydroxylated analogue of leptomycin A, a nuclear export inhibitor. Kazusamycin B displays potent antitumor activity against L1210 and human colon adenocarcinoma, and in vivo activity against P388 lymphocytic leukemia in mice. Kazusamycin B also possesses strong antibacterial and antifungal activity.

Kazusamycin B is soluble in ethanol or methanol. Poor water solubility. Ethanol recommended. Unstable in DMSO.

**References:**

