Product Name: Kazusamycin B
Product Number: K019
CAS Number: 107140-30-7
Molecular Formula: \( \text{C}_{32}\text{H}_{46}\text{O}_{7} \)
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:
