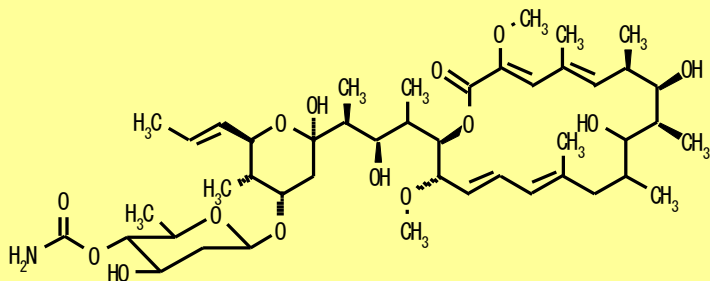


## Concanamycin B

Cat.# BLK1160

## Structure



Origin: Streptomyces sp.

CAS Registry Number: 81552-33-2

CA Index Name:

Appearance: off white solid

Molecular Formula/ Weight:  
=C<sub>45</sub>H<sub>73</sub>NO<sub>14</sub>=852.08

Melting Point: 133-135°C Purity:&gt;95.0% by HPLC

Solubility: Sol. in 1mg/ml ethanol, methanol,  
DMSO

pKa:

log P:

## Background Information:

Concanamycin B, 18-membered macrolide antibiotic, was isolated from *Streptomyces* sp. This compound is potent and specific V-ATPase inhibitor.

## Handling and Storage:

Store at -20°C.

## References:

1. J. Exp. Biol. 212, 341-346.
2. J Exp Med. 1998 May 18;187(10):1583-98.
3. J Immunol. 1996 May 15;156(10):3678-86.
4. Biochem Biophys Res Commun. 1994 Jun 30;201(3):1270-8.
5. Cell Struct Funct. 1993 Jun;18(3):139-49.
6. J Antibiot (Tokyo). 1984 Nov;37(11):1333-43.

Manufactured with Cortesy strain from The Kitasato Institute.