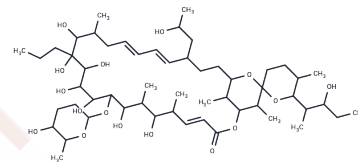


IB-96212

## Chemical Properties

CAS No. : 220858-11-7  
 Formula: C<sub>54</sub>H<sub>94</sub>O<sub>16</sub>  
 Molecular Weight: 999.31  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	IB-96212 is a macrolide that has been found in <i>Micromonospora</i> and has antibacterial and anticancer activities. It is active against <i>M. luteus</i> , <i>B. subtilis</i> , and <i>S. aureus</i> (MICs = 0.4, 100, and 100 µg/ml, respectively). IB-96212 induces death in P388, A549, HT-29, and SK-MEL-28 cells (IC <sub>50</sub> s = 0.0001, 1, 1, and 1 µg/ml, respectively).
Targets(IC <sub>50</sub> )	Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0007 mL	5.0035 mL	10.0069 mL
5 mM	0.2001 mL	1.0007 mL	2.0014 mL
10 mM	0.1001 mL	0.5003 mL	1.0007 mL
50 mM	0.020 mL	0.1001 mL	0.2001 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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