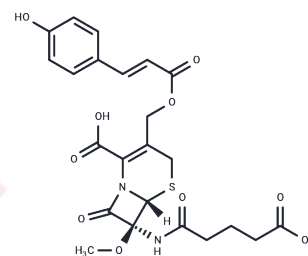


## Oganomycin GB

## Chemical Properties

CAS No. :	80458-10-2
Formula:	C <sub>23</sub> H <sub>24</sub> N <sub>2</sub> O <sub>10</sub> S
Molecular Weight:	520.51
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	Oganomycin GB is derived from the bacterium Streptomyces (Streptomyces str. ogranonensis YG 19Z). When sodium para-hydroxycinnamate is added to the fermentation medium, Oganomycin A is produced. This compound is converted into its glutaric acid derivative, Oganomycin GA, via the action of D-amino acid oxidase. After the removal of sulfate ester through acidic hydrolysis, both A and GA yield Oganomycin B and Oganomycin GB. The effectiveness of Oganomycin GB is greater against Gram-negative bacteria compared to Gram-positive bacteria.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9212 mL	9.606 mL	19.2119 mL
5 mM	0.3842 mL	1.9212 mL	3.8424 mL
10 mM	0.1921 mL	0.9606 mL	1.9212 mL
50 mM	0.0384 mL	0.1921 mL	0.3842 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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