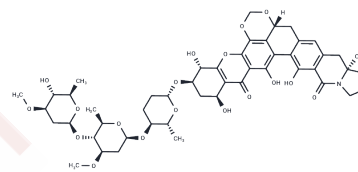


## Kigamicin D

## Chemical Properties

CAS No. :	680571-52-2
Formula:	C48H59NO19
Molecular Weight:	953.98
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	Kigamicin D exhibits activity against Gram-positive bacteria, including methicillin-resistant <i>Staphylococcus aureus</i> (MRSA), with a MIC range of 0.025-0.78 µg/mL. Additionally, Kigamicin D affects tumor cells such as L-1210 LB32T and other species, with an IC50 of 1 µg/mL.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0482 mL	5.2412 mL	10.4824 mL
5 mM	0.2096 mL	1.0482 mL	2.0965 mL
10 mM	0.1048 mL	0.5241 mL	1.0482 mL
50 mM	0.021 mL	0.1048 mL	0.2096 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481