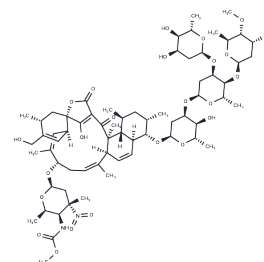


## Kijanimicin

### Chemical Properties

CAS No. : 78798-08-0  
 Formula: C<sub>67</sub>H<sub>100</sub>N<sub>2</sub>O<sub>24</sub>  
 Molecular Weight: 1317.527  
 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	Kijanimicin is an antitumor and antibiotic. It is a unique, large acid enol antibiotic and possesses an unusual in vitro spectrum of activity against some Gram-positive and anaerobic microorganisms. It has also shown interesting activity against malaria in vivo.
Targets(IC50)	Others,Endogenous Metabolite,Antibiotic

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.759 mL	3.795 mL	7.590 mL
5 mM	0.1518 mL	0.759 mL	1.518 mL
10 mM	0.0759 mL	0.3795 mL	0.759 mL
50 mM	0.0152 mL	0.0759 mL	0.1518 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.

### Reference

Bradner WT, Claridge CA, Huftalen JB. Antitumor activity of kijanimicin. *J Antibiot (Tokyo)*. 1983 Aug;36(8):1078-9. PubMed PMID: 6630059.

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