

## Cefovecin

## Chemical Properties

CAS No. :	234096-34-5
Formula:	C17H19N5O6S2
Molecular Weight:	453.49
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Cefovecin is a third-generation cephalosporin antibiotic known for its extended duration of action. Following a single subcutaneous injection, it maintains an effective therapeutic concentration in tissues for up to 14 days. Cefovecin is used to study bacterial infections in dogs and cats.
Targets(IC50)	Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2051 mL	11.0256 mL	22.0512 mL
5 mM	0.441 mL	2.2051 mL	4.4102 mL
10 mM	0.2205 mL	1.1026 mL	2.2051 mL
50 mM	0.0441 mL	0.2205 mL	0.441 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.

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