# Data Sheet (Cat.No.T20196)



## Cefamandole

### **Chemical Properties**

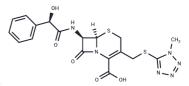
CAS No.: 34444-01-4

Formula: C18H18N6O5S2

Molecular Weight: 462.49

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## **Biological Description**

Description Cefamandole is a semisynthetic wide-spectrum cephalosporin with prolonged action. It is used also as the nafate.

## **Solubility Information**

Solubility DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

#### **Preparing Stock Solutions**

	1mg	5mg	10mg	
1 mM	2.1622 mL	10.811 mL	21.6221 mL	
5 mM	0.4324 mL	2.1622 mL	4.3244 mL	
10 mM	0.2162 mL	1.0811 mL	2.1622 mL	
50 mM	0.0432 mL	0.2162 mL	0.4324 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.

#### Reference

Xu Y, Wang D, Zhu B, Tang L, Wang J. Separation and characterization of allergenic polymerized impurities from cephalosporin for injection by trap free two-dimensional high performance size exclusion

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