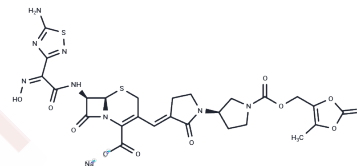


## Ceftobiprole medocaril sodium

## Chemical Properties

CAS No. :	252188-71-9
Formula:	C <sub>26</sub> H <sub>25</sub> N <sub>8</sub> NaO <sub>11</sub> S <sub>2</sub>
Molecular Weight:	712.64
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	Ceftobiprole medocaril sodium (BAL5788) is a parenteral prodrug of Ceftobiprole, a pyrrolidinone cephalosporin administered intravenously. As a broad-spectrum cephalosporin, Ceftobiprole exhibits high in vitro activity against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA), vancomycin-resistant <i>Staphylococci</i> (VRSA), and penicillin-resistant <i>Streptococci</i> . Additionally, it is effective in inhibiting both gram-positive and gram-negative pathogens.
Targets(IC50)	Others, Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4032 mL	7.0162 mL	14.0323 mL
5 mM	0.2806 mL	1.4032 mL	2.8065 mL
10 mM	0.1403 mL	0.7016 mL	1.4032 mL
50 mM	0.0281 mL	0.1403 mL	0.2806 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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