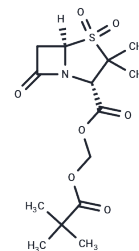


## Sulbactam pivoxil

## Chemical Properties

CAS No. :	69388-79-0
Formula:	C <sub>14</sub> H <sub>21</sub> N <sub>1</sub> O <sub>7</sub> S
Molecular Weight:	347.38
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	Sulbactam pivoxil is a prodrug of sulbactam, exhibiting oral bioavailability and superior absorption, resulting in higher serum concentrations following oral administration compared to sulbactam. Sulbactam functions as a $\beta$ -lactamase inhibitor.
Targets(IC50)	Antibacterial, Antibiotic

## Solubility Information

Solubility	DMSO: 10 mg/mL (28.79 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8787 mL	14.3935 mL	28.7869 mL
5 mM	0.5757 mL	2.8787 mL	5.7574 mL
10 mM	0.2879 mL	1.4393 mL	2.8787 mL
50 mM	0.0576 mL	0.2879 mL	0.5757 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

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