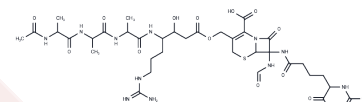


SQ 28516

## Chemical Properties

CAS No. : 92121-46-5  
 Formula: C<sub>36</sub>H<sub>55</sub>N<sub>11</sub>O<sub>15</sub>  
 Molecular Weight: 913.96  
 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	SQ 28516, an acetyl derivative, shows weak antibacterial activity.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0941 mL	5.4707 mL	10.9414 mL
5 mM	0.2188 mL	1.0941 mL	2.1883 mL
10 mM	0.1094 mL	0.5471 mL	1.0941 mL
50 mM	0.0219 mL	0.1094 mL	0.2188 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

Singh PD, Young MG, Johnson JH, Cimarusti CM, Sykes RB. Bacterial production of 7-formamidocephalosporins. Isolation and structure determination. J Antibiot (Tokyo). 1984 Jul;37(7):773-80. PubMed PMID: 6547947.

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