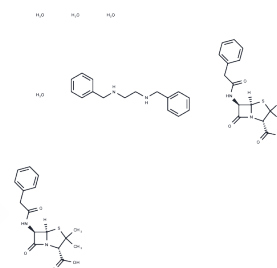


## Penicillin G benzathine tetrahydrate

## Chemical Properties

CAS No. : 41372-02-5  
 Formula: C<sub>48</sub>H<sub>64</sub>N<sub>6</sub>O<sub>12</sub>S<sub>2</sub>  
 Molecular Weight: 981.18  
 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	Penicillin G Benzathine Tetrahydrate (Benzathine Benzylpenicillin Tetrahydrate) serves as an antibiotic effective against numerous bacterial infections [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0192 mL	5.0959 mL	10.1918 mL
5 mM	0.2038 mL	1.0192 mL	2.0384 mL
10 mM	0.1019 mL	0.5096 mL	1.0192 mL
50 mM	0.0204 mL	0.1019 mL	0.2038 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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