

Penicillin G-D5 potassium salt

Chemical Properties

CAS No. :

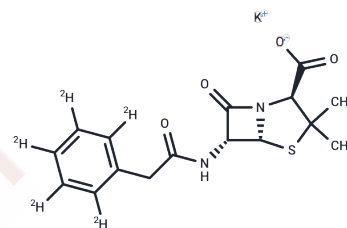
Formula: C₁₆H₁₂D₅KN₂O₄S

Molecular Weight: 377.51

Keep away from moisture

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-D5 potassium salt is a deuterated compound of Penicillin G potassium salt. Penicillin G potassium salt (T5602) has a CAS number of 113-98-4. Benzylpenicillin potassium is the potassium salt form of penicillin G, a broad-spectrum penicillin antibiotic.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6489 mL	13.2447 mL	26.4894 mL
5 mM	0.5298 mL	2.6489 mL	5.2979 mL
10 mM	0.2649 mL	1.3245 mL	2.6489 mL
50 mM	0.053 mL	0.2649 mL	0.5298 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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