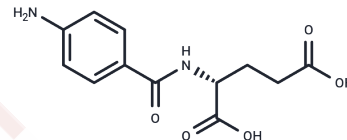


(4-Aminobenzoyl)-D-glutamic acid

Chemical Properties

CAS No. : 5959-18-2
 Formula: C₁₂H₁₄N₂O₅
 Molecular Weight: 266.25
 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	(4-Aminobenzoyl)-D-glutamic acid (Compound 17) exhibits competitive inhibitory activity against the H ₂ -pterin synthesis system, affecting folic acid synthesis and subsequently inhibiting bacterial growth.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7559 mL	18.7793 mL	37.5587 mL
5 mM	0.7512 mL	3.7559 mL	7.5117 mL
10 mM	0.3756 mL	1.8779 mL	3.7559 mL
50 mM	0.0751 mL	0.3756 mL	0.7512 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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