

2,3,-Dihydroxybenzoylserine

Chemical Properties

CAS No. :	7724-78-9
Formula:	C10H11NO6
Molecular Weight:	241.2
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	2,3-Dihydroxybenzoylserine (2,3-Dihydroxy-N-benzoylserine) is a conjugate of 2,3-dihydroxybenzoic acid and serine. It can be isolated from E. coli cultures. This compound acts as a growth factor with growth-promoting activity in various aromatic auxotrophic bacteria, such as the E. coli K12 strain AB2830. It is a degradation product of biologically active compounds.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1459 mL	20.7297 mL	41.4594 mL
5 mM	0.8292 mL	4.1459 mL	8.2919 mL
10 mM	0.4146 mL	2.073 mL	4.1459 mL
50 mM	0.0829 mL	0.4146 mL	0.8292 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.

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