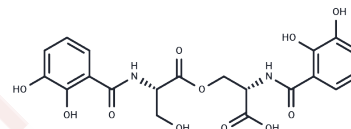


N,N'-Bis(2,3-Dihydroxybenzoyl)-O-L-seryl-L-serine

Chemical Properties

CAS No. : 30414-15-4
 Formula: C₂₀H₂₀N₂O₁₁
 Molecular Weight: 464.38
 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	N,N'-Bis(2,3-Dihydroxybenzoyl)-O-L-seryl-L-serine is a hydrolysis product of enterobactin. It exhibits anti-tumor properties by inhibiting the invasion of mouse colon cancer cell line 26-L5, with an IC ₅₀ value of 2.7 μM. Additionally, it shows no significant antibacterial activity against <i>Micrococcus luteus</i> , <i>Escherichia coli</i> , and <i>Candida albicans</i> .
Targets(IC ₅₀)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1534 mL	10.767 mL	21.5341 mL
5 mM	0.4307 mL	2.1534 mL	4.3068 mL
10 mM	0.2153 mL	1.0767 mL	2.1534 mL
50 mM	0.0431 mL	0.2153 mL	0.4307 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481