

trans-D-4-Hydroxyproline

Chemical Properties

CAS No. :	3398-22-9
Formula:	C ₅ H ₉ NO ₃
Molecular Weight:	131.13
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	trans-D-4-Hydroxyproline is a biochemical reagent employed in glycobiochemistry research. Glycobiochemistry explores the structure, synthesis, biology, and evolution of sugars. This field encompasses carbohydrate chemistry, enzyme studies related to glycan formation and degradation, protein-glycan recognition, and the role of glycans within biological systems, with significant links to fundamental research, biomedical sciences, and biotechnology.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.626 mL	38.1301 mL	76.2602 mL
5 mM	1.5252 mL	7.626 mL	15.252 mL
10 mM	0.7626 mL	3.813 mL	7.626 mL
50 mM	0.1525 mL	0.7626 mL	1.5252 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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