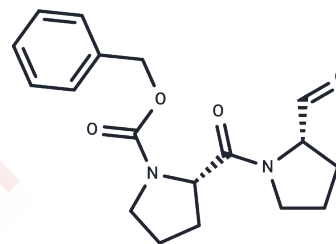


Z-Pro-prolinal

Chemical Properties

CAS No. :	88795-32-8
Formula:	C ₁₈ H ₂₂ N ₂ O ₄
Molecular Weight:	330.38
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	Z-Pro-prolinal (N-Benzoyloxycarbonyl-L-prolyl-L-prolinal) is a specific and orally active inhibitor of prolyl endopeptidase (PREP) with an IC ₅₀ of 0.4 nM against porcine PREP [1] [2] [3].
Targets(IC ₅₀)	Others,Prolyl Endopeptidase (PREP)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0268 mL	15.1341 mL	30.2682 mL
5 mM	0.6054 mL	3.0268 mL	6.0536 mL
10 mM	0.3027 mL	1.5134 mL	3.0268 mL
50 mM	0.0605 mL	0.3027 mL	0.6054 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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