

H-Pro-Gly-Pro-OH

Chemical Properties

CAS No. : 7561-51-5

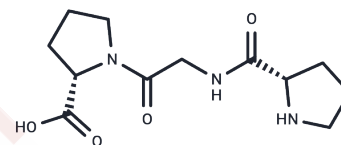
Formula: C₁₂H₁₉N₃O₄

Molecular Weight: 269.3

Keep away from moisture

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	H-Pro-Gly-Pro-OH, a collagen-derived matrikine, traditionally acts as a neutrophil chemoattractant, guiding these cells to target locations to orchestrate localized repair responses. Additionally, this compound initiates the transcription of neurotrophins and their receptor genes following cerebral ischemia [1] [2].
In vivo	H-Pro-Gly-Pro-OH (37.5 µg/kg; i.p.) induces transcription of neurotrophic factors and their receptor genes after cerebral ischemia in rats [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7133 mL	18.5667 mL	37.1333 mL
5 mM	0.7427 mL	3.7133 mL	7.4267 mL
10 mM	0.3713 mL	1.8567 mL	3.7133 mL
50 mM	0.0743 mL	0.3713 mL	0.7427 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481