

BPC 157 acetate(137525-51-0 free base)

Chemical Properties

CAS No. :

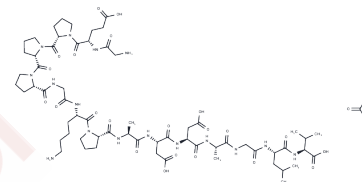
Formula: C₆₄H₁₀₂N₁₆O₂₄

Molecular Weight: 1479.61

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	BPC 157 acetate(137525-51-0 free base) is a 15-amino acid fragment of a gastric peptide (BPC) which has hepatoprotective effects.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 250 mg/mL (168.96 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (6.76 mM),Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6759 mL	3.3793 mL	6.7585 mL
5 mM	0.1352 mL	0.6759 mL	1.3517 mL
10 mM	0.0676 mL	0.3379 mL	0.6759 mL
50 mM	0.0135 mL	0.0676 mL	0.1352 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.

Reference

Seiwerth S , Rucman R , Turkovic B , et al. BPC 157 and Standard Angiogenic Growth Factors. Gastrointestinal Tract Healing, Lessons from Tendon, Ligament, Muscle and Bone Healing[J]. Current Pharmaceutical Design, 2018, 24 (18):1972.

Gwyer D , Wragg N M , Wilson S L . Gastric pentadecapeptide body protection compound BPC 157 and its role in accelerating musculoskeletal soft tissue healing[J]. Cell & Tissue Research, 2019.

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