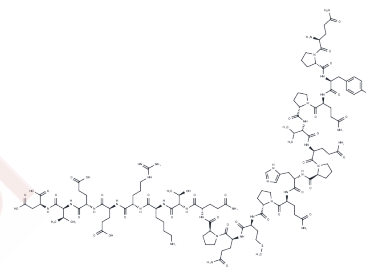


QP5

## Chemical Properties

CAS No. : 1501983-51-2  
 Formula: C115H178N34O37S  
 Molecular Weight: 2660.91  
 Storage: Keep away from moisture  
 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	QP5 is an Amelogenin-derived peptide. It can bind to hydroxyapatite and demineralized enamel surfaces, temporarily stabilize amorphous calcium phosphate (ACP), control the crystallization of hydroxyapatite, and facilitate the remineralization of carious lesions. QP5 promotes remineralization in rat caries models and can be used for studying oral diseases such as dental caries.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3758 mL	1.8791 mL	3.7581 mL
5 mM	0.0752 mL	0.3758 mL	0.7516 mL
10 mM	0.0376 mL	0.1879 mL	0.3758 mL
50 mM	0.0075 mL	0.0376 mL	0.0752 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