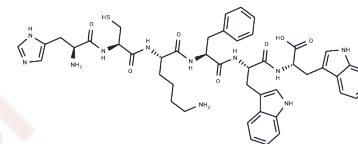


## His-Cys-Lys-Phe-Trp-Trp

## Chemical Properties

CAS No. :	172546-75-7
Formula:	C <sub>46</sub> H <sub>55</sub> N <sub>11</sub> O <sub>7</sub> S
Molecular Weight:	906.06
Storage:	Keep away from moisture 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	His-Cys-Lys-Phe-Trp-Trp functions as an inhibitor of the human immunodeficiency virus (HIV) integrase, exhibiting an IC <sub>50</sub> value of 2 μM.
Targets(IC <sub>50</sub> )	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1037 mL	5.5184 mL	11.0368 mL
5 mM	0.2207 mL	1.1037 mL	2.2074 mL
10 mM	0.1104 mL	0.5518 mL	1.1037 mL
50 mM	0.0221 mL	0.1104 mL	0.2207 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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