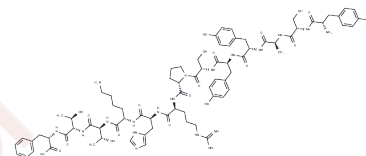


## A17 peptide

## Chemical Properties

CAS No. :	1140483-31-3
Formula:	C76H105N19O20S
Molecular Weight:	1636.83
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	A17 peptide is an Hsp70-targeting peptide. It binds to the ATP-binding domain of Hsp70, specifically inhibiting its chaperone activity. This enhances cellular sensitivity to chemotherapeutic drugs, such as those inducing apoptosis via Cisplatin. A17 peptide is applicable in cancer chemotherapy research, including studies on multiple myeloma.
Targets(IC50)	HSP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6109 mL	3.0547 mL	6.1094 mL
5 mM	0.1222 mL	0.6109 mL	1.2219 mL
10 mM	0.0611 mL	0.3055 mL	0.6109 mL
50 mM	0.0122 mL	0.0611 mL	0.1222 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481