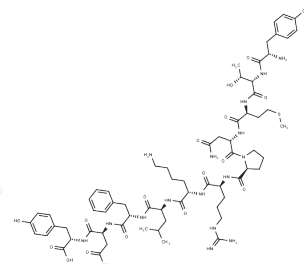


## Apolipoprotein KV domain (67-77)

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 515170-17-9   |
| Formula:          | C67H98N16O18S   |
| Molecular Weight: | 1447.66   |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |  |
|---------------|--|
| Description   | ApolipoproteinKV domain (67-77) is an 11-amino-acid peptide isolated from the KV domain of human apolipoprotein a (ApoA), known for its anti-angiogenic and anti-tumor activities. It targets the angiogenesis c-Src/ERK pathway by blocking activation signals received from vascular endothelial growth factor (VEGF). ApolipoproteinKV domain (67-77) is applicable in cancer research. |
| Targets(IC50) | VEGFR  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.6908 mL | 3.4538 mL | 6.9077 mL |
| 5 mM  | 0.1382 mL | 0.6908 mL | 1.3815 mL |
| 10 mM | 0.0691 mL | 0.3454 mL | 0.6908 mL |
| 50 mM | 0.0138 mL | 0.0691 mL | 0.1382 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