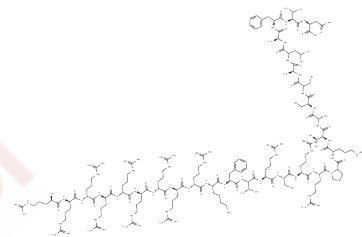


ARF(26-44)

Chemical Properties

CAS No. : 935732-44-8
 Formula: C149H267N69O33S
 Molecular Weight: 3585.22
 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 | ARF(26-44), cell-permeable is an anti-tumor peptide derived from a specific amino acid sequence of the p14ARF tumor suppressor protein. It serves as an inhibitor of FoxM1, a forkhead box M1 transcription factor, and has demonstrated significant anti-tumor activity in the treatment of mouse hepatocellular carcinoma (HCC). This activity includes increasing apoptosis and reducing tumor cell proliferation and angiogenesis. ARF(26-44), cell-permeable is useful for research in cancer therapy. |
| Targets(IC50) | Apoptosis |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.2789 mL | 1.3946 mL | 2.7892 mL |
| 5 mM | 0.0558 mL | 0.2789 mL | 0.5578 mL |
| 10 mM | 0.0279 mL | 0.1395 mL | 0.2789 mL |
| 50 mM | 0.0056 mL | 0.0279 mL | 0.0558 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

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