

pYEEI

Chemical Properties

CAS No. :

Formula: C₂₅H₃₆N₃O₁₄P

Molecular Weight: 633.54

Keep away from moisture

Storage: 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 | pYEEI, a tetrapeptide containing phosphotyrosine, binds to the SrcSH2 domain with a dissociation constant (K _d) of 100 nM and an inhibitory concentration (IC ₅₀) of 6.5 μM. This compound plays a crucial role in cancer research. |
| Targets(IC ₅₀) | Src |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.5784 mL | 7.8922 mL | 15.7843 mL |
| 5 mM | 0.3157 mL | 1.5784 mL | 3.1569 mL |
| 10 mM | 0.1578 mL | 0.7892 mL | 1.5784 mL |
| 50 mM | 0.0316 mL | 0.1578 mL | 0.3157 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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