

## Targefrin

## Chemical Properties

CAS No. :

Formula: C85H116F3N19O15

Molecular Weight: 1700.94

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   | Targefrin is a potent antagonist targeting EphA2, exhibiting a dissociation constant of 21 nM and an IC50 value of 10.8 nM for the EphA2-LBD. It promotes receptor internalization and degradation across multiple pancreatic cancer cell lines [1]. |
| Targets(IC50) | Ephrin Receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.5879 mL | 2.9396 mL | 5.8791 mL |
| 5 mM  | 0.1176 mL | 0.5879 mL | 1.1758 mL |
| 10 mM | 0.0588 mL | 0.294 mL  | 0.5879 mL |
| 50 mM | 0.0118 mL | 0.0588 mL | 0.1176 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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