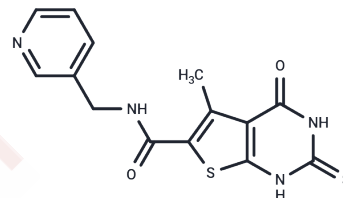


YTHDF2 ligand-1

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 3093182-34-1 |
| Formula: | C ₁₄ H ₁₂ N ₄ O ₂ S ₂ |
| Molecular Weight: | 332.40 |
| 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 | YTHDF2ligand-1 (Compound 23) is a selective, high-affinity YTHDF2 ligand with a K _d of 1.3 μM (FP assay) and an IC ₅₀ of 11 μM (HTRF assay). It is applicable in cancer research. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.0084 mL | 15.0421 mL | 30.0842 mL |
| 5 mM | 0.6017 mL | 3.0084 mL | 6.0168 mL |
| 10 mM | 0.3008 mL | 1.5042 mL | 3.0084 mL |
| 50 mM | 0.0602 mL | 0.3008 mL | 0.6017 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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