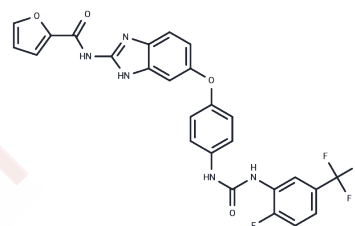


## TIE-2/VEGFR-2 kinase-IN-4

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 433224-29-4   |
| Formula:          | C <sub>26</sub> H <sub>17</sub> F <sub>4</sub> N <sub>5</sub> O <sub>4</sub>  |
| Molecular Weight: | 539.44  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|                            |   |
|----------------------------|---|
| Description                | TIE-2/VEGFR-2 kinase-IN-4, a benzimidazole derivative, is a potent inhibitor of the tyrosine kinase receptors TIE-2 and VEGFR-2, with IC <sub>50</sub> values of 5.2 nM and 5.1 nM, respectively. This compound is utilized in angiogenesis research [1]. |
| Targets(IC <sub>50</sub> ) | Others,Tie-2,VEGFR  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.8538 mL | 9.2689 mL | 18.5377 mL |
| 5 mM  | 0.3708 mL | 1.8538 mL | 3.7075 mL  |
| 10 mM | 0.1854 mL | 0.9269 mL | 1.8538 mL  |
| 50 mM | 0.0371 mL | 0.1854 mL | 0.3708 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