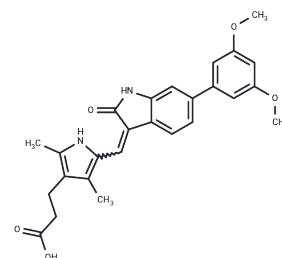


NP603

## Chemical Properties

CAS No. : 949164-80-1  
 Formula: C<sub>26</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>  
 Molecular Weight: 446.49  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|             |                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Description | NP603 is a cell-permeable inhibitor of FGFR1, PDGFR $\beta$ , and VEGFR2 that binds to the ATP pocket. It also is a very weak EGFR inhibitor. |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2397 mL | 11.1985 mL | 22.3969 mL |
| 5 mM  | 0.4479 mL | 2.2397 mL  | 4.4794 mL  |
| 10 mM | 0.224 mL  | 1.1198 mL  | 2.2397 mL  |
| 50 mM | 0.0448 mL | 0.224 mL   | 0.4479 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.

## Reference

Lin N, Chen S, Pan W, Xu L, Hu K, Xu R. NP603, a novel and potent inhibitor of FGFR1 tyrosine kinase, inhibits hepatic stellate cell proliferation and ameliorates hepatic fibrosis in rats. Am J Physiol Cell Physiol. 2011 Aug;301

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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