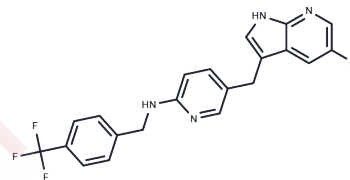


FLT3-IN-2

## Chemical Properties

CAS No. : 923562-23-6  
 Formula: C<sub>21</sub>H<sub>16</sub>ClF<sub>3</sub>N<sub>4</sub>  
 Molecular Weight: 416.83  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|                            |                                                          |
|----------------------------|----------------------------------------------------------|
| Description                | FLT3-IN-2 is an FLT3 inhibitor (IC <sub>50</sub> <1 μM). |
| Targets(IC <sub>50</sub> ) | FLT                                                      |

## Solubility Information

|            |                                                                                                                           |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 50 mg/mL (119.95 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3991 mL | 11.9953 mL | 23.9906 mL |
| 5 mM  | 0.4798 mL | 2.3991 mL  | 4.7981 mL  |
| 10 mM | 0.2399 mL | 1.1995 mL  | 2.3991 mL  |
| 50 mM | 0.048 mL  | 0.2399 mL  | 0.4798 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

Zhang Chao, et al.. From PCT Int. Appl. (2012), WO 2012158957 A2 20121122.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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