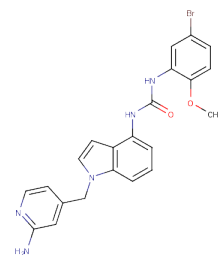


Jl-101

## Chemical Properties

CAS No. : 900573-88-8  
Formula: C22H20BrN5O2  
Molecular Weight: 466.34  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 years



## Biological Description

|               |                                                                                                                                                                                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Jl-101 (CGI-1842) is an oral multi-kinase inhibitor that targets vascular endothelial growth factor receptor type 2 (VEGFR-2), platelet derived growth factor receptor $\beta$ (PDGFR- $\beta$ ), and ephrin type-B receptor 4 (EphB4). |
| Targets(IC50) | VEGFR,PDGFR,Ephrin Receptor                                                                                                                                                                                                             |

## Solubility Information

|            |                                                                                                    |
|------------|----------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 27.5 mg/mL (58.97 mM),<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|----------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1444 mL | 10.7218 mL | 21.4436 mL |
| 5 mM  | 0.4289 mL | 2.1444 mL  | 4.2887 mL  |
| 10 mM | 0.2144 mL | 1.0722 mL  | 2.1444 mL  |
| 50 mM | 0.0429 mL | 0.2144 mL  | 0.4289 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

Mark L. Wade, Neeraj Agarwal et al. A pilot study of Jl-101, an inhibitor of VEGFR-2, PDGFR- $\beta$ , and EphB4 receptors, in combination with everolimus and as a single agent in an ovarian cancer expansion cohort. Investigational New

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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