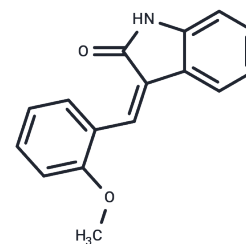


SU5214

## Chemical Properties

CAS No. : 186611-04-1  
 Formula: C<sub>16</sub>H<sub>13</sub>NO<sub>2</sub>  
 Molecular Weight: 251.28  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |   |
|---------------|---|
| Description   | SU5214 is a modulator of tyrosine kinase signal transduction. |
| Targets(IC50) | Tyrosinase, VEGFR   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: 2.51 mg/mL (9.99 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.9796 mL | 19.8981 mL | 39.7962 mL |
| 5 mM  | 0.7959 mL | 3.9796 mL  | 7.9592 mL  |
| 10 mM | 0.398 mL  | 1.9898 mL  | 3.9796 mL  |
| 50 mM | 0.0796 mL | 0.398 mL   | 0.7959 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

Silva JC, et al. Genome-wide diversity and gene expression profiling of Babesia microti isolates identify polymorphic genes that mediate host-pathogen interactions. Sci Rep. 2016 Oct 18;6:35284.  
 Dorobisz T, et al. Incidental gallbladder cancer after cholecystectomy: 1990 to 2014. Onco Targets Ther. 2016 Aug 8;9:4913-6.

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