

SB 611812

## Chemical Properties

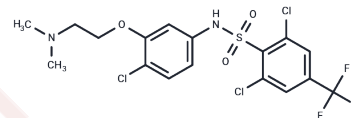
CAS No. : 345892-71-9

Formula: C<sub>17</sub>H<sub>16</sub>Cl<sub>3</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight: 491.74

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

|               |   |
|---------------|---|
| Description   | SB 611812 is an antagonist of urotensin-II (UT) and can be used in studies about the treatment of cardiovascular disease. |
| Targets(IC50) | Neurotensin Receptor, GPCR  |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 16 mg/mL (32.54 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 2.0336 mL | 10.168 mL | 20.3359 mL |
| 5 mM  | 0.4067 mL | 2.0336 mL | 4.0672 mL  |
| 10 mM | 0.2034 mL | 1.0168 mL | 2.0336 mL  |
| 50 mM | 0.0407 mL | 0.2034 mL | 0.4067 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.

## Reference

Cosenzi A. Non peptidic urotensin II antagonists: perspectives for a new class of drugs. Cardiovasc Hematol Agents Med Chem. 2008 Apr;6(2):80-91.

Rakowski E, et al. A role for urotensin II in restenosis following balloon angioplasty: use of a selective UT receptor blocker. J Mol Cell Cardiol. 2005 Nov;39(5):785-91.

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