1. PHYSICAL AND CHEMICAL PROPERTIES

- Batch Molecular Formula: \( \text{C}_{17}\text{H}_{16}\text{Cl}_{3}\text{F}_{3}\text{N}_{2}\text{O}_{3}\text{S} \)
- Batch Molecular Weight: 491.74
- Physical Appearance: Yellow solid
- Solubility: DMSO to 10 mM
- Storage: Store at +4°C
- Batch Molecular Structure:

2. ANALYTICAL DATA

- HPLC: Shows 99.6% purity
- \(^1\text{H NMR:}\) Consistent with structure
- Mass Spectrum: Consistent with structure
- Microanalysis:
  
<table>
<thead>
<tr>
<th>Element</th>
<th>Theoretical</th>
<th>Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>41.52</td>
<td>41.52</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>3.28</td>
<td>3.22</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>5.7</td>
<td>5.57</td>
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</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
Product Information

Product Name: SB 611812
Catalog No.: 4670 Batch No.: 1

CAS Number: 345892-71-9
IUPAC Name: 2,6-Dichloro-N-[4-chloro-3-[2-(dimethylamino)ethoxy]phenyl]-4-(trifluoromethyl)benzenesulfonamide

Description:
Urotensin-II (UT) antagonist. Inhibits urotensin-II-induced proliferation of neonatal cardiac fibroblasts. Attenuates cardiac dysfunction in a rat model of coronary artery ligation; decreases cardiomyocyte hypertrophy, ventricular dilatation and cardiac remodeling.

Physical and Chemical Properties:
Batch Molecular Formula: C_{17}H_{16}Cl_{3}F_{3}N_{2}O_{3}S
Batch Molecular Weight: 491.74
Physical Appearance: Yellow solid
Minimum Purity: >99%

Storage: Store at +4°C

Solubility & Usage Info:
DMSO to 10 mM

Stability and Solubility Advice:
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:
SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References: