1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** $\text{C}_{17}\text{H}_{15}\text{F}_6\text{N}_5\text{O}$

**Batch Molecular Weight:** 419.32

**Physical Appearance:** White solid

**Solubility:** DMSO to 100 mM, ethanol to 100 mM

**Storage:** Store at $+4^\circ\text{C}$

**Batch Molecular Structure:**

![Batch Molecular Structure Image]

2. ANALYTICAL DATA

**HPLC:** Shows 99.8% 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>48.69</td>
<td>48.46</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>3.61</td>
<td>3.58</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>16.7</td>
<td>16.68</td>
</tr>
</tbody>
</table>

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

Product Name: JNJ 17203212
Catalog No.: 3361
Batch No.: 1

**Description:**
Reversible, competitive and potent TRPV1 antagonist (pKᵢ values are 6.5, 7.1 and 7.3 at rat, guinea pig and human TRPV1 respectively). Inhibits capsaicin- and H⁺-induced channel activation (pIC₅₀ values are 6.32 and 7.23 respectively) and exhibits antitussive and analgesic activity in vivo.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C₁₂H₁₁F₆N₅O
- **Batch Molecular Weight:** 419.32
- **Physical Appearance:** White solid
- **Minimum Purity:** >99%

**Storage:** Store at +4°C

**Solubility & Usage Info:**
- DMSO to 100 mM
- Ethanol to 100 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:**


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