Product Name: JNJ 17203212
Catalog No.: 3361
Batch No.: 1
CAS Number: 821768-06-3
IUPAC Name: 4-[3-(Trifluoromethyl)-2-pyridinyl]-N-[5-(trifluoromethyl)-2-pyridinyl]-1-piperazinecarboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

- Batch Molecular Formula: $C_{17}H_{15}F_6N_5O$
- Batch Molecular Weight: 419.32
- Physical Appearance: White solid
- Solubility: DMSO to 100 mM, ethanol to 100 mM
- Storage: Store at +4°C

2. ANALYTICAL DATA

- HPLC: Shows >99.8% purity
- $^1$H NMR: Consistent with structure
- Mass Spectrum: Consistent with structure
- Microanalysis:
  - Carbon 48.69 3.61 16.7
  - Hydrogen 48.46 3.58 16.68
  - Nitrogen

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
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Description:
Reversible, competitive and potent TRPV1 antagonist (pKₐ 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: C₁₁H₁₀F₆N₄O
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: