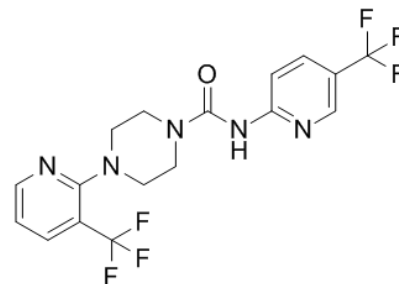


**Product Name** : JNJ-17203212  
**Cat. No.** : PC-42062  
**CAS No.** : 821768-06-3  
**Molecular Formula** : C<sub>17</sub>H<sub>15</sub>F<sub>6</sub>N<sub>5</sub>O  
**Molecular Weight** : 419.3243  
**Target** : TRP Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

JNJ-17203212 is a potent, selective and orally bioavailable **TRPV1** receptor antagonist with IC<sub>50</sub> of 65 nM and 102 nM for hTRPV1 and rTRPV1, respectively.

JNJ-17203212 exhibits high selectivity against a panel of receptors and transporters, and does not inhibit related TRP channels TRPV2, TRPV4, or TRPA1.

JNJ-17203212 inhibits both pH (pIC<sub>50</sub>=7.23) and capsaicin (pIC<sub>50</sub>=6.32)-induced channel activation.

JNJ-17203212 attenuates capsaicin evoked coughs, prevents core hypothermia evoked by capsaicin in vivo.

## References

Swanson DM, et al. *J Med Chem.* 2005 Mar 24;48(6):1857-72.

Bhattacharya A, et al. *J Pharmacol Exp Ther.* 2007 Nov;323(2):665-74.

Cefalu JS, et al. *J Urol.* 2009 Aug;182(2):776-85.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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