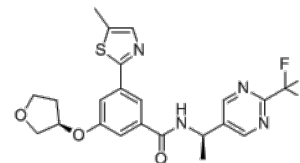


**Product Name** : Eliapixant  
**Cat. No.** : PC-72754  
**CAS No.** : 1948229-21-7  
**Molecular Formula** : C<sub>22</sub>H<sub>21</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub>S  
**Molecular Weight** : 478.49  
**Target** : P2X Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Eliapixant (BAY 1817080) is a potent, selective **P2X3** receptor antagonist with IC<sub>50</sub> of 8 nM (hP2X3).

Eliapixant inhibits agonist-mediated hP2X2/3 receptor response, show no inhibition on recombinant cell lines expressing hP2X1 receptors, and the homotrimeric hP2X2, hP2X4, and hP2X7 receptors.

Eliapixant reduces inflammatory pain in relevant animal models, and reduces vaginal hyperalgesia in an animal model of endometriosis-associated dyspareunia, even beyond treatment cessation.

## References

Davenport AJ, et al. *Sci Rep*. 2021 Oct 6;11(1):19877.

Morice A, et al. *Eur Respir J*. 2021 Nov 18;58(5):2004240.

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

E-mail: tech@probechem.com