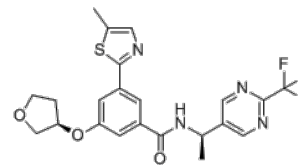


Product Name : Eliapixant
Cat. No. : PC-72754
CAS No. : 1948229-21-7
Molecular Formula : C₂₂H₂₁F₃N₄O₃S
Molecular Weight : 478.49
Target : P2X Receptor
Solubility :



Biological Activity

Eliapixant (BAY 1817080) is a potent, selective P2X₃ receptor antagonist with IC₅₀ of 8 nM (hP2X₃).

Eliapixant inhibits agonist-mediated hP2X_{2/3} 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!

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