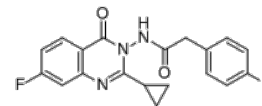


Product Name : PF-04895162
Cat. No. : PC-36142
CAS No. : 2694728-63-5
Molecular Formula : C₁₉H₁₅F₂N₃O₂
Molecular Weight : 355.345
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

PF-04895162 (ICA-105665, PF 4895162) is an orally available agonist of neuronal **Kv7 potassium channel**, opens Kv7.2/7.3 and Kv7.3/7.5 potassium channels, also known as KCNQ2/3 and KCNQ3/5 channels.

PF-04895162 (ICA-105665) has demonstrated broad spectrum antiseizure activity in multiple animal models including maximal electroshock, 6 Hz seizures, pentylenetetrazole, and electrical kindling at doses from <1 to 5 mg/kg.

References

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Bialer M, et al. *Epilepsy Res*. 2013 Jan;103(1):2-30.

Roeloffs R, et al. *J Pharmacol Exp Ther*. 2008 Sep;326(3):818-28.

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

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