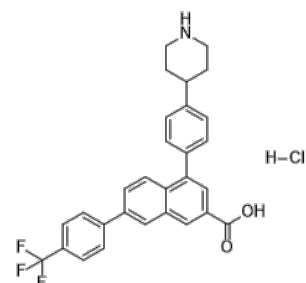


Product Name : PPTN hydrochloride
Cat. No. : PC-22103
CAS No. : 1992047-65-0
Molecular Formula : C₂₉H₂₅ClF₃NO₂
Molecular Weight : 511.97
Target : P2Y Receptor
Solubility : 10 mM in DMSO



Biological Activity

PPTN hydrochloride is a potent, highly specific antagonist of P2Y₁₄ receptor with K_i of 0.4 nM in functional assays. PPTN exhibits no agonist or antagonist effect at the P2Y₁, P2Y₂, P2Y₄, P2Y₆, P2Y₁₁, P2Y₁₂, or P2Y₁₃ receptors at 1 μM. PPTN inhibits UDP-glucose-stimulated chemotaxis of human neutrophils.

References

- Yu J, et al. J Med Chem. 2018 May 16. doi: 10.1021/acs.jmedchem.8b00168.
Junker A, et al. J Med Chem. 2016 Jul 14;59(13):6149-68.
Barrett MO, et al. Mol Pharmacol. 2013 Jul;84(1):41-9.

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

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