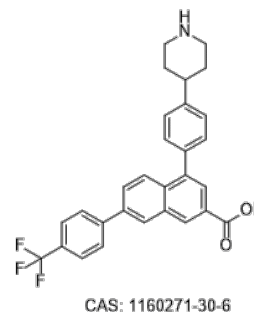


Product Name : PPTN
Cat. No. : PC-22102
CAS No. : 1160271-30-6
Molecular Formula : C₂₉H₂₄F₃NO₂
Molecular Weight : 475.51
Target : P2Y Receptor
Solubility : 10 mM in DMSO



Biological Activity

PPTN 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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