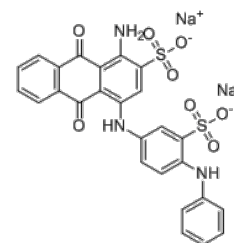

Product Name	: PSB-0739
Cat. No.	: PC-21206
CAS No.	: 1052087-90-7
Molecular Formula	: C ₂₆ H ₁₇ N ₃ Na ₂ O ₈ S ₂
Molecular Weight	: 609.53
Target	: P2Y Receptor
Solubility	: 10 mM in DMSO



Biological Activity

PSB-0739 is a high potent, non-nucleotide-derived competitive antagonist of platelet **P2Y₁₂ receptor** with K_i of 24.9 nM. PSB-0739 is a potent competitive non-nucleotide antagonist at the human P2Y₁₂ receptor with a pA_2 value of 9.8. PSB-0739 inhibits ADP-evoked Ca²⁺ responses with an EC₅₀ of 5.4±1.8 μM and causes a rightward parallel shift in the ADP concentration–response curve in THP-1 cells.

References

- Baqi Y, et al. *J Med Chem.* 2009 Jun 25;52(12):3784-93.
Hoffmann K, et al. *J Pharmacol Exp Ther.* 2009 Nov;331(2):648-55.

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

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