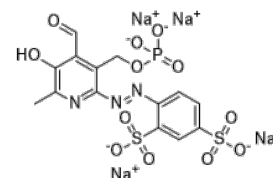


Product Name : PPADS tetrasodium
Cat. No. : PC-25132
CAS No. : 192575-19-2
Molecular Formula : C₁₄H₁₀N₃Na₄O₁₂PS₂
Molecular Weight : 599.30
Target : P2X Receptor
Solubility : 10 mM in DMSO



Biological Activity

PPADS tetrasodium is a non-selective **P2X receptor** antagonist, inhibits recombinant P2X1, P2X12, P2X13, P2X15 with IC50 of 1-2.6 μ M.

PPADS also protects STAT4 and STAT5a/STAT5b from thermal degradation in cell lysates to a higher extent than STAT3.

References

- Flores-Soto E, et al. *Eur J Pharmacol.* 2012 Jan 15;674(2-3):439-44.
- Angela Berg, et al. *Chembiochem.* 2025 Jul 24:e2500454.

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

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