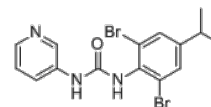


Product Name : BX430
Cat. No. : PC-21244
CAS No. : 688309-70-8
Molecular Formula : C₁₅H₁₅Br₂N₃O
Molecular Weight : 413.11
Target : P2X Receptor
Solubility : 10 mM in DMSO



Biological Activity

BX430 is a potent, highly selective and allosteric antagonist of P2X4 receptor channel with IC₅₀ of 0.54 μM. BX430 shows no functional impact on all other P2X subtypes, namely, P2X1-P2X3, P2X5, and P2X7. BX430 is a potent antagonist of zebrafish P2X4 but has no effect on rat and mouse P2X4 orthologs. BX430 effectively suppresses ATP-evoked and ivermectin-potentiated membrane permeabilization induced by P2X4 pore dilation.

References

Ase AR, et al. Mol Pharmacol. 2015 Apr;87(4):606-16.
Layhadi JA, et al. J Immunol. 2018 Feb 1;200(3):1159-1168.

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

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