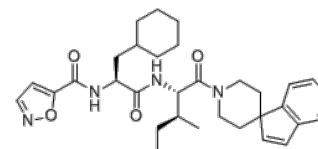


Product Name : GB-88
Cat. No. : PC-60318
CAS No. : 1416435-96-5
Molecular Formula : C₃₂H₄₂N₄O₄
Molecular Weight : 546.712
Target : Protease-activated Receptor (PAR)
Solubility : 10 mM in DMSO



Biological Activity

GB-88 is a selective, orally available **PAR2** antagonist that inhibits PAR2 activated Ca(2+) release with IC₅₀ of 2 uM. GB-88 (10 mg/kg) inhibits acute colonic inflammation induced in rats by the PAR2 agonist SLIGRL-NH₂ with markedly reduced edema, mucin depletion, PAR2 receptor internalization, and mastocytosis.

References

- Suen JY, et al. *Br J Pharmacol*. 2012 Mar;165(5):1413-23.
Lohman RJ, et al. *J Pharmacol Exp Ther*. 2012 Feb;340(2):256-65.
Cheng RKY, et al. *Nature*. 2017 May 4;545(7652):112-115.

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

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