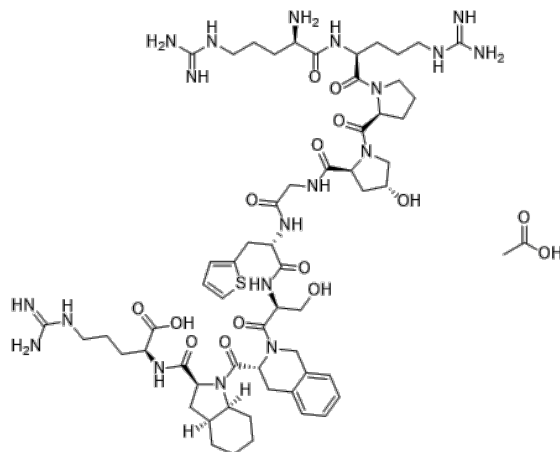


Product Name : Icatibant acetate
Cat. No. : PC-27865
CAS No. : 138614-30-9
Molecular Formula : C₅₉H₈₉N₁₉O₁₃S.xC₂H₄O₂
Molecular Weight :
Target : Bradykinin Receptor
Solubility : 10 mM in DMSO



Biological Activity

Icatibant acetate (HOE 140, JE-049) is a potent, selective and specific antagonist of bradykinin B2 receptor (B2R) with IC₅₀ and K_i of 1.07 nM and 0.798 nM respectively.

Icatibant (HOE 140, JE-049) protects against memory impairment in mLFPI mice (10 nmol/kg).

Icatibant (HOE 140, JE-049) attenuates the brain edema, interleukin-1 β , tumor necrosis factor- α , and nitric oxide metabolites content elicited by mLFPI.

References

Hock FJ, et al. Br J Pharmacol. 1991 Mar;102(3):769-73.

Ferreira AP, et al. Psychopharmacology (Berl). 2014 May;231(9):1935-48.

Asghar AU, et al. Eur J Pharmacol. 2000 Jun 9;398(1):131-8.

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

E-mail: tech@probechem.com