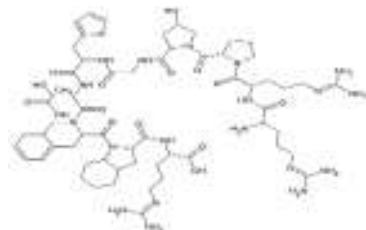


Icatibant Acetate

ALTERNATE NAME: HOE 140
D-arginyl-L-arginyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-3-(2-thienyl)-L-alanyl-L-seryl-(3R)-1,2,3,4-tetrahydro-3-isoquinolinecarbonyl-(2S,3aS,7aS)-octahydro-1H-indole-2-carbonyl-L-arginine, acetate

CATALOG #: B3208-1 1 mg
B3208-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{59}H_{89}N_{19}O_{13}S \cdot XC_2H_4O_2$

MOLECULAR WEIGHT: 1304.52

CAS NUMBER: 138614-30-9

APPEARANCE: White solid

PURITY: $\geq 98\%$

SOLUBILITY: >30 mg/ml DMSO

DESCRIPTION: Icatibant acetate is a potent and specific synthetic peptide antagonist of bradykinin B2 receptor with an IC_{50} and K_i of 1.07 nM and 0.798 nM respectively. It inhibits bradykinin-induced contractions in isolated guinea pig ileum and pulmonary arteries as well as in rat uterus (IC_{50} s = 11, 5.4, and 4.9 nM, respectively).

STORAGE TEMPERATURE: $-20^{\circ}C$. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Prekallikrein, Human Plasma (7685)
SSR-240612 (B2349)
Kallikrein, Human Plasma (4093)
Kininogen, HMW, Human Plasma (7300)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*