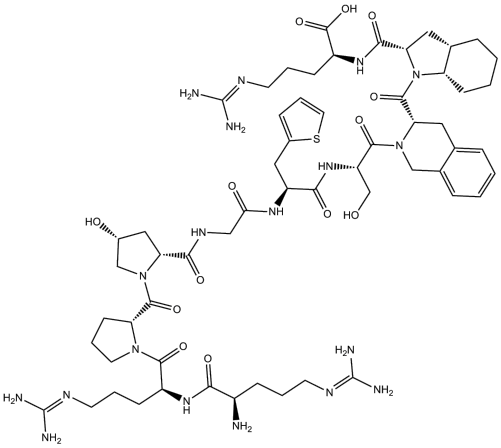
Product Data Sheet

Product Name: HOE 140
Cat. No.: GC15587

Chemical Properties

Cas. No.	130308-48-4		
Formula	$C_{59}H_{89}N_{19}O_{13}S$	M.Wt	1304.52
Solubility	Soluble to 1 mg/ml in sterile water	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Icatibant (HOE-140) is a selective and specific antagonist of bradykinin B2 receptor with IC50 and Ki of 1.07 nM and 0.798 nM respectively.

References:

[1]. Hock FJ, et al. Hoe 140 a new potent and long acting bradykinin-antagonist: in vitro studies. Br J Pharmacol. 1991 Mar;102(3):769-73.
[2]. George J, et al. Locally Mediated Analgesic Effect of Bradykinin Type 2 Receptor Antagonist HOE 140 During Acute Inflammatory Pain in Rats. J Burn Care Res. 2014 Jan 21.
[3]. Ferreira AP, et al. HOE-140, an antagonist of B2 receptor, protects against memory deficits and

brain damage induced by moderate lateral fluid percussion injury in mice. Psychopharmacology (Berl). 2014 May;231(9):1935-48.