

Product Data Sheet

Product Name: Anatibant hydrochloride

Cat. No.: GC72919

Chemical Properties

Cas. No. 209788-45-4

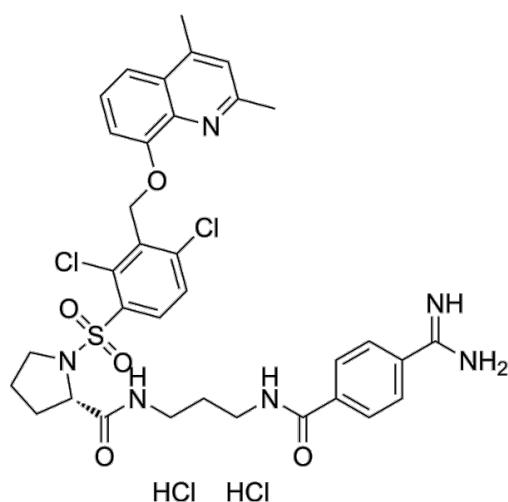
Formula $C_{34}H_{38}Cl_4N_6O_5S$ M.Wt 784.58

Solubility DMSO : 55 mg/mL (70.10 mM; Need ultrasonic and warming) Storage -20°C, sealed storage, away from moisture

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

Anatibant (LF 16-0687; XY-2405) drochloride is a selective non-peptide bradykinin B2 receptor antagonist. Anatibant drochloride binds to the human, rat and guinea-pig recombinant B2 receptor with K_i values of 0.67 nM, 1.74 nM and 1.37 nM, respectively. Anatibant drochloride crosses the blood-brain barrier (BBB). Anatibant drochloride can be used in research on brain damage diseases.

References:

[1]. Klaus Zweckberger, et al. Anatibant, a selective non-peptide bradykinin B2 receptor antagonist,

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

reduces intracranial pertension and histopathological damage after experimental traumatic brain injury. Neurosci Lett. 2009 Apr 24;454(2):115-7.

[2]. D Pruneau, et al. Pharmacological profile of LF 16-0687, a new potent non-peptide bradykinin B2 receptor antagonist. Immunopharmacology. 1999 Sep;43(2-3):187-94.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA