
Product Data Sheet

Product Name: CRA-2059 hydrochloride

Cat. No.: GC62408

Chemical Properties

Cas. No.

Formula C₃₄H₄₇ClN₁₂O₈

M.Wt

787.27

Solubility

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**

CRA-2059 hydrochloride is a highly specific and selective tryptase inhibitor, with a K_i of 620 pM for recombinant human tryptase-β (rHTβ)[1][2].

Tryptase is a trypsin-like serine protease found as a major protein component in human mast cell secretory granules. CRA-2059 hydrochloride has the potential for inflammatory bowel disease research[1].

[1]. Tremaine WJ, et al. Treatment of mildly to moderately active ulcerative colitis with a tryptase inhibitor (APC 2059): an open-label pilot study. Aliment Pharmacol Ther. 2002;16(3):407-413.

[2]. Selwood T, et al. Potent bivalent inhibition of human tryptase-beta by a synthetic inhibitor. Biol Chem. 2003;384(12):1605-1611.

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

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