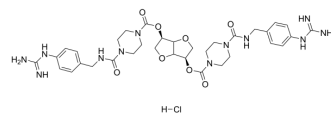


CRA-2059 hydrochloride

Cat. No.:	HY-19303A
Molecular Formula:	C ₃₄ H ₄₇ ClN ₁₂ O ₈
Molecular Weight:	787.27
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	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]} .
In Vitro	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] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA