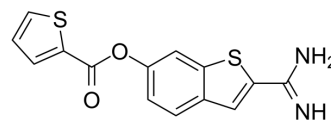


BCX 1470

Cat. No.:	HY-50874
CAS No.:	217099-43-9
Molecular Formula:	C ₁₄ H ₁₀ N ₂ O ₂ S ₂
Molecular Weight:	302.37
Target:	Complement System
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BCX 1470 inhibits the esterolytic activity of factor D (IC ₅₀ =96 nM) and C1s (IC ₅₀ =1.6 nM), 3.4- and 200-fold better, respectively, than that of trypsin.
IC₅₀ & Target	IC ₅₀ : 96 nM (Factor D); 1.6 nM (C1s); 326 nM (Trypsin)
In Vitro	BCX 1470 is serine protease inhibitor. BCX 1470 blocks the esterolytic and hemolytic activities of the complement enzymes C1s and factor D in vitro, also blocked development of RPA-induced edema in the rat. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Szalai, Alexander J.; Digerness, Stanley B.; et al.; The Arthus Reaction in Rodents: Species-Specific Requirement of Complement *Journal of Immunology*, 2000, 164, 463-468

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

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