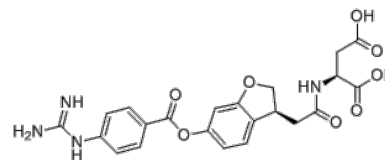


Product Name : SCO-792
Cat. No. : PC-73066
CAS No. : 1802888-04-5
Molecular Formula : C₂₂H₂₂N₄O₈
Molecular Weight : 470.43
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Sucunamostat (SCO-792, TAK792) is a potent, selective, reversible **enteropeptidase** inhibitor with IC₅₀ of 4.6 and 5.4 nM for rat and human enteropeptidase, respectively.

SCO-792 displayed high selectivity against other serine proteases, showed < 50% inhibitory activity against chymotrypsin, DPP-4, factor XIIa, factor Xa, and thrombin at 10 μM.

SCO-792 inhibited plasma kallikrein with an IC₅₀ value of 16 nM and plasmin with an IC₅₀ value of 460 nM, also inhibited trypsin with an IC₅₀ value of 3.3 nM.

SCO-792 effectively and dose-dependently inhibited plasma BCAA elevations induced by oral protein dosing in rats.

References

Yashiro H, et al. *Diabetes Obes Metab.* 2019 Oct;21(10):2228-2239.

Sasaki M, et al. *Pharmacol Res Perspect.* 2019 Sep 4;7(5):e00517.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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