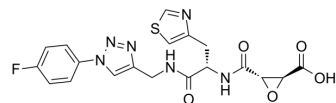


Calpain Inhibitor-1

Cat. No.:	HY-115753
CAS No.:	1448429-06-8
Molecular Formula:	C ₁₉ H ₁₇ FN ₆ O ₅ S
Molecular Weight:	460.44
Target:	Proteasome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Calpain Inhibitor-1 (compound 36) is a potent and selective cysteine protease calpain 1 (Cal1) inhibitor (IC ₅₀ =100 nM; K _i =2.89 μM) ^[1] .
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REFERENCES

[1]. Schiefer IT, Tapadar S, Litosh V, et al. Design, synthesis, and optimization of novel epoxide incorporating peptidomimetics as selective calpain inhibitors. *J Med Chem.* 2013;56(15):6054-6068.

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

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