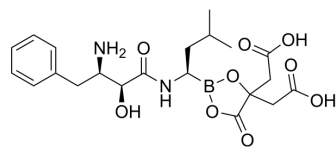


BC-05

Cat. No.:	HY-149514
CAS No.:	2260717-73-3
Molecular Formula:	C ₂₁ H ₂₉ BN ₂ O ₉
Molecular Weight:	464.27
Target:	Proteasome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BC-05 is an orally active and potent inhibitor of CD13 and proteasome. BC-05 has an IC₅₀ value of 0.13 μM for human CD13 and an IC₅₀ value of 1.39 μM for the 20S proteasome. BC-05 can be used in multiple myeloma research^[1].

REFERENCES

[1]. Zhang J, et al. Discovery of a Novel Ubemimex Derivative as a First-in-Class Dual CD13/Proteasome Inhibitor for the Treatment of Cancer. *Molecules*. 2023 Aug 30;28(17):6343.

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

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