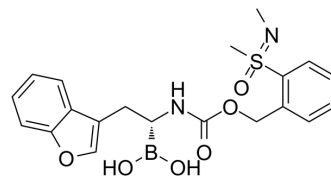


LMP7-IN-1

Cat. No.:	HY-142920
CAS No.:	2671040-07-4
Molecular Formula:	C ₂₀ H ₂₃ BN ₂ O ₆ S
Molecular Weight:	430.28
Target:	Proteasome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LMP7-IN-1, a Boronic acid derivative, is a potent and selective immunoproteasome subunit LMP7 (β5i) inhibitor with an IC ₅₀ of 1.83 nM (WO2021143923A1; compound 20) ^[1] .
IC ₅₀ & Target	IC50: 1.83 nM (LMP7) ^[1]

REFERENCES

[1]. Xianxing Shang, et al. Boronic acid derivatives. WO2021143923A1.

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

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