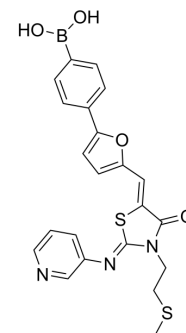


β5i-IN-1

Cat. No.:	HY-156297
Molecular Formula:	C ₂₂ H ₂₀ BN ₃ O ₄ S ₂
Molecular Weight:	465.35
Target:	Proteasome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

β5i-IN-1 is a potent and selective inhibitor of β5i with a IC₅₀ of 8.463 nM. β5i-IN-1 releases TNF-α and IL-6 and influences the transcriptional activity of NF-κB. β5i-IN-1 can be used in study idiopathic pulmonary fibrosis^[1].

REFERENCES

[1]. Li Y, et al. Non-peptidic immunoproteasome β5i-selective inhibitor as potential treatment for idiopathic pulmonary fibrosis: Virtual screening, hit evolution and lead identification. *Eur J Med Chem.* 2023 Dec 5;261:115856.

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

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