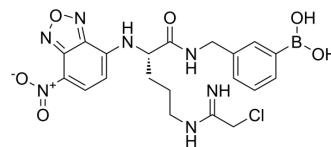


PAD4-IN-2

Cat. No.:	HY-155052
CAS No.:	2642327-52-2
Molecular Formula:	C ₂₀ H ₂₃ BClN ₇ O ₆
Molecular Weight:	503.7
Target:	Protein Arginine Deiminase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PAD4-IN-2 (compound 5i) is a PAD4 inhibitor (IC ₅₀ =1.94 μM). PAD4-IN-2 inhibits tumor growth in mice by specifically inhibiting the PAD4-H3cit-NETs pathway in neutrophils ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.94 μM (PAD4) ^[1] .

REFERENCES

[1]. Zhu D, et al. Highly-tumor-targeted PAD4 inhibitors with PBA modification inhibit tumors in vivo by specifically inhibiting the PAD4-H3cit-NETs pathway in neutrophils. *Eur J Med Chem.* 2023 Oct 5;258:115619.

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

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