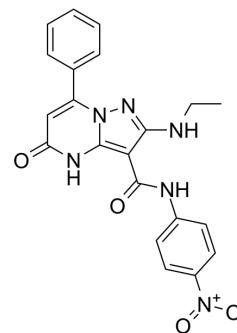


PIM1-IN-6

Cat. No.:	HY-147920
CAS No.:	2439168-69-9
Molecular Formula:	C ₂₁ H ₁₈ N ₆ O ₄
Molecular Weight:	418.41
Target:	Pim
Pathway:	JAK/STAT Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PIM1-IN-6 (compound 5h) is a potent PIM-1 inhibitor, with an IC ₅₀ of 0.60 μM. PIM1-IN-6 shows the high cytotoxicity activity against HCT-116 and MCF-7 cells, with IC ₅₀ values of 1.51 and 15.2 μM, respectively ^[1] .
IC ₅₀ & Target	PIM1 0.60 μM (IC ₅₀)

REFERENCES

[1]. Philoppes JN, et al. New pyrazolopyrimidine derivatives with anticancer activity: Design, synthesis, PIM-1 inhibition, molecular docking study and molecular dynamics. *Bioorg Chem.* 2020 Jul;100:103944.

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

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