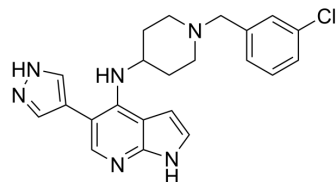


JAK-IN-36

Cat. No.:	HY-161259
Molecular Formula:	C ₂₂ H ₂₃ ClN ₆
Molecular Weight:	406.91
Target:	JAK
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JAK-IN-36 (Compound 12e) is a potent and selective inhibitor of Janus Kinase 1 (JAK1) with a IC ₅₀ value of 2.2 nM. JAK-IN-36 can be used in the study of autoimmune diseases ^[1] .
IC ₅₀ & Target	JAK1 2.2 nM (IC ₅₀)

REFERENCES

[1]. Chen L, et al. Design, synthesis and evaluation of C-5 substituted pyrrolopyridine derivatives as potent Janus Kinase 1 inhibitors with excellent selectivity. Eur J Med Chem. 2024 Mar 5;267:116210.

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

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