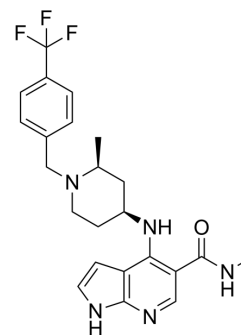


JAK1-IN-13

Cat. No.:	HY-161015
CAS No.:	2778330-90-6
Molecular Formula:	C ₂₃ H ₂₆ F ₃ N ₅ O
Molecular Weight:	445.48
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

JAK1-IN-13 (compound 36b) is an orally active, potent and highly selective inhibitor of JAK1 with an IC₅₀ of 0.044 nM. JAK1-IN-13 significantly decreases STAT3 phosphorylation^[1].

REFERENCES

[1]. Park E, et al. Identification and Biological Evaluation of a Potent and Selective JAK1 Inhibitor for the Treatment of Pulmonary Fibrosis. J Med Chem. 2023 Dec 14;66(23):16342-16363.

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

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