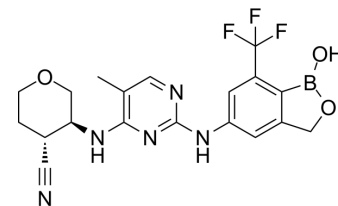


JAK1/2-IN-1

Cat. No.:	HY-162248
CAS No.:	3023876-01-6
Molecular Formula:	C ₁₉ H ₁₉ BF ₃ N ₅ O ₃
Molecular Weight:	433.19
Target:	JAK; Interleukin Related
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JAK1/2-IN-1 is a potent JAK1 and JAK2 inhibitor with IC ₅₀ values of 0.4 nM and 8.1 nM, respectively. JAK1/2-IN-1 also inhibits IL-4 and IL-13 with IC ₅₀ s of 136.5 nM and 19.1 nM, respectively (WO2023244775A1; Example 33a) ^[1] .			
IC₅₀ & Target	JAK1 0.4 nM (IC ₅₀)	JAK2 8.1 nM (IC ₅₀)	IL-4 136.5 nM (IC ₅₀)	IL-13 19.1 nM (IC ₅₀)

REFERENCES

[1]. Alan Long, et al. Boron containing pyrimidine compounds, compositions comprising them, methods and uses thereof. WO2023244775A1.

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

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