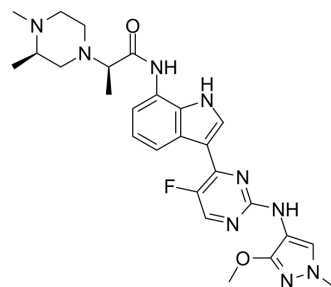


JAK1-IN-4

Cat. No.:	HY-116505
CAS No.:	2091134-35-7
Molecular Formula:	C ₂₆ H ₃₂ FN ₉ O ₂
Molecular Weight:	521.59
Target:	JAK
Pathway:	Epigenetics; JAK/STAT Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JAK1-IN-4 is a potent and selective JAK1 inhibitor, with IC ₅₀ s of 85 nM, 12.8 μM and >30 μM for JAK1, JAK2, and JAK3, respectively. JAK1-IN-4 inhibits STAT3 phosphorylation in NCI-H 1975 cells (IC ₅₀ , 227 nM) ^[1] .	
IC ₅₀ & Target	JAK1 85 nM (IC ₅₀)	JAK2 12.8 μM (IC ₅₀)

REFERENCES

[1]. Annika Birgitta Margareta ÅSTRAND, et al. Compounds and methods for inhibiting jak.

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

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