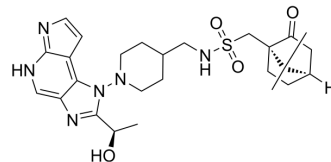


JAK1-IN-11

Cat. No.:	HY-153568
CAS No.:	2427608-43-1
Molecular Formula:	C ₂₆ H ₃₆ N ₆ O ₄ S
Molecular Weight:	528.67
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-11 (compound 11) is a potent inhibitor of JAK with IC ₅₀ s of 0.02 nM (JAK1) and 0.44 nM (JAK2) respectively. JAK1-IN-11 has high selectivity against JAK1 over JAK2 ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.02 nM (JAK1) & 0.44 nM (JAK2) ^[1]

REFERENCES

[1]. Shen W. et al. Amide or sulfonamide substituted hydrazine derivative applied as JAK kinase inhibitor. China, CN110724142 A. 2020-01-24.

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

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