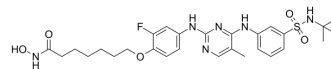


JAK/HDAC-IN-3

Cat. No.:	HY-149284
CAS No.:	3029138-70-0
Molecular Formula:	C ₂₈ H ₃₇ FN ₆ O ₅ S
Molecular Weight:	588.69
Target:	JAK; HDAC
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JAK/HDAC-IN-3 (13a) is a dual JAK and HDAC inhibitor, with IC ₅₀ values of 25.36 nM, 0.2 μM and 0.43 μM for JAK2, HDAC and HDAC1, respectively ^[1] .
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REFERENCES

[1]. Qianqian Qiu, et al. Exploration of Janus Kinase (JAK) and Histone Deacetylase (HDAC) Bispecific Inhibitors Based on the Moiety of Fedratinib for Treatment of Both Hematologic Malignancies and Solid Cancers. *J Med Chem.* 2023 Apr 27;66(8):5753-5773.

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

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