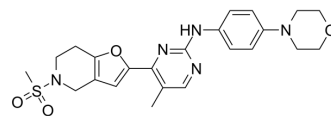


JAK2-IN-4

Cat. No.:	HY-100759
CAS No.:	1438284-00-4
Molecular Formula:	C ₂₃ H ₂₇ N ₅ O ₄ S
Molecular Weight:	469.56
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	JAK2-IN-4 (compound 16h) is a selective JAK2/JAK3 inhibitor, with IC ₅₀ values of 0.7 nM and 23.2 nM for JAK2 and JAK3, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.7 nM/23.2 nM (JAK2/JAK3) ^[1] .

REFERENCES

[1]. Wang Y, et al. Identification of 4-(2-furanyl)pyrimidin-2-amines as Janus kinase 2 inhibitors. *Bioorg Med Chem*. 2017 Jan 1;25(1):75-83.

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

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