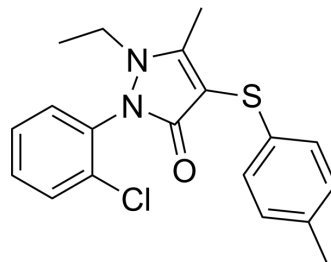


JAK-2/3-IN-2

Cat. No.:	HY-151256
CAS No.:	2170398-48-6
Molecular Formula:	C ₁₉ H ₁₉ ClN ₂ OS
Molecular Weight:	358.88
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	JAK-2/3-IN-2 (Compound 3h) is a JAK2 and JAK3 inhibitor with IC ₅₀ s of 23.85 nM and 18.9 nM, respectively ^[1] .	
IC ₅₀ & Target	JAK3 18.9 nM (IC ₅₀)	JAK2 23.85 nM (IC ₅₀)

REFERENCES

[1]. Sanachai K, et al. Pharmacophore-Based Virtual Screening and Experimental Validation of Pyrazolone-Derived Inhibitors toward Janus Kinases. ACS Omega, 2022.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA