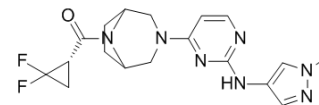


PF-06700841

Cat. No.:	HY-112708
CAS No.:	1883299-62-4
Molecular Formula:	C ₁₈ H ₂₁ F ₂ N ₇ O
Molecular Weight:	389.4
Target:	JAK
Pathway:	Epigenetics; JAK/STAT Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	PF-06700841 is a dual JAK1 and TYK2 inhibitor with IC ₅₀ s of 17 and 23 nM, respectively. Anti-inflammatory activity ^[1] .
IC ₅₀ & Target	IC ₅₀ : 17 nM (JAK1), 23 nM (TYK2) ^[1]

REFERENCES

[1]. Fensome A, et al. Dual Inhibition of TYK2 and JAK1 for the Treatment of Autoimmune Diseases: Discovery of ((S)-2,2-Difluorocyclopropyl)((1R,5S)-3-(2-((1-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)-3,8-diazabicyclo[3.2.1]octan-8-yl)methanone (PF-06700841). J Med Chem. 2018 Oct 11;61(19):8597-8612.

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

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