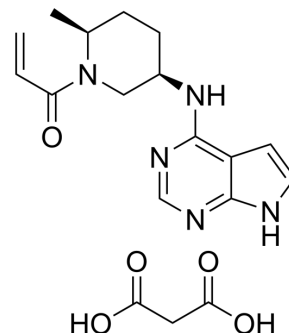


Ritlecitinib (malonate)

Cat. No.:	HY-100754A
CAS No.:	2140301-97-7
Molecular Formula:	C ₁₈ H ₂₃ N ₅ O ₅
Molecular Weight:	389.41
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	Ritlecitinib (PF-06651600) malonate is an orally active and selective JAK3 inhibitor with an IC ₅₀ of 33.1 nM. Ritlecitinib (malonate) can be used for the research of inflammatory and autoimmune diseases ^[1] .
IC ₅₀ & Target	IC50: 33.1 nM (JAK3) ^[1]

CUSTOMER VALIDATION

- Blood Adv. 2022 May 23;bloodadvances.2022007695.
- Expert Opin Investig Drugs. 2021 Nov 26.
- Int J Mol Sci. 2023 May 25, 24(11), 9243.
- Inflamm Bowel Dis. 2020 Dec 9;izaa318.
- bioRxiv. 2023 Aug 17.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Telliez JB, et al. Discovery of a JAK3-Selective Inhibitor: Functional Differentiation of JAK3-Selective Inhibition over pan-JAK or JAK1-Selective Inhibition. ACS Chem Biol. 2016 Dec 16;11(12):3442-3451.

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

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