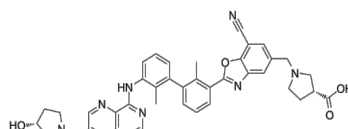


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : INCB086550
Cat.No. : URK-V2529
CAS No. : 2230911-59-6
Molecular Weight : 693.79
Molecular Formula : C₄₁H₃₉N₇O₄
Target :
Solubility :



Biological Activity

INCB086550 is a selective and potent inhibitor of the Janus kinase 1 (JAK1) enzyme. JAK1 is involved in the signaling pathway of cytokines, which play important roles in immune system regulation and inflammation.

INCB086550 is effective in suppressing inflammation and reducing disease severity in animal models of autoimmune diseases. Additionally, clinical trials have demonstrated its safety and efficacy in treating patients with rheumatoid arthritis and myelofibrosis.

In a phase II clinical trial, INCB086550 significantly improved clinical outcomes in patients with moderate to severe plaque psoriasis, with a relatively good safety profile. This suggests that INCB086550 could be a promising candidate for the treatment of psoriasis.

References

1. Kimball AB, Okun M, Edison JD, et al. Safety and efficacy of INCB086550, a selective JAK1 inhibitor, in a phase 2b study of patients with moderate-to-severe plaque psoriasis. *J Am Acad Dermatol.* 2021;84(4):996-1004. doi: 10.1016/j.jaad.2020.10.045
2. Genovese MC, Greenwald M, Coddling C, et al. A phase II randomized study of subcutaneous prn1008, an oral janus kinase 1 (JAK1) inhibitor, in patients with active rheumatoid arthritis despite methotrexate therapy. *Arthritis Rheumatol.* 2020;72(suppl 10). doi: 10.1002/art.41875
3. Verstovsek S, Mesa RA, Salama ME, et al. A phase 2 study of the efficacy and safety of INCB050465, a selective Janus kinase 1 inhibitor, in patients with advanced polycythemia vera who are resistant or intolerant to hydroxyurea. *Cancer.* 2017;123(10):1657-1665. doi: 10.1002/cncr.30494

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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