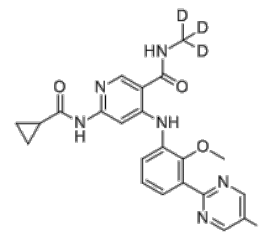


Product Name : BMS-986202
Cat. No. : PC-38210
CAS No. : 1771691-34-9
Molecular Formula : C₂₂H₁₈D₃FN₆O₃
Molecular Weight : 439.466
Target : JAK
Solubility :



Biological Activity

BMS-986202 (BMS 986202) is potent, selective Tyk2 inhibitor that binds to Tyk2 JH2 domain with IC₅₀ of 0.19 nM, K_i of 0.02 nM, >10,000-fold over 273 kinases and pseudokinases; BMS-986202 demonstrated cellular activity (IL-23 IC₅₀=12 nM) in IL-23 stimulated reporter assay (in Kit225 T cells). BMS-986202 also binds Jak1 JH2 with an IC₅₀ of 7.8 nM, but this enzymatic binding did not lead to any functional activities, as BMS-986202 displayed an activity (IC₅₀) of greater than 12.5 μM in the IL-2 stimulated Jak1/3-dependent cellular assay. BMS-986202 showed in vivo efficacy in mouse models of IL-23-driven acanthosis, anti-CD40-induced colitis, and spontaneous lupus.

References

Liu C, et al. J Med Chem. 2021 Jan 14;64(1):677-694.

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

E-mail: tech@probechem.com