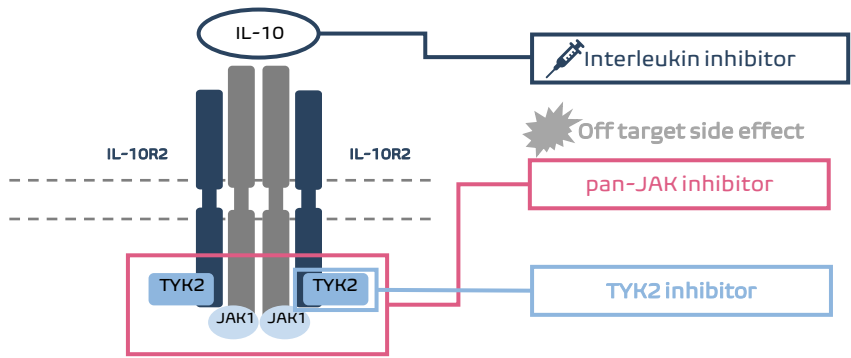




AZBF11509(TYK2 Inhibitor _ Psoriasis)



❖ MOA : Selectively inhibiting TYK2 and binds to its JH2 domain to make it inactive



❖ Unlike the previous pan-JAK inhibitor, we selectively inhibit the specific domain.

→ Using MoliSTA, we discovered 9 potential hits

Step1) 3 hits out of approximately 2 million chemical molecules.(TYK2 inhibition)

Step2) 1 hit from analyzing the structural similarity of the 3 hits above

Step3) 5 hits by prediction of the binding mode based on structure analysis on the 4 hits above

