

## Discovery of Preclinical candidates of new PKM2 activator that cure inflammation and fibrosis at the same time through cell metabolism modulation



IMMUNOLOGY	Candidate
Product Type	Chemical-Small Molecule
Indication	1st Indication : Idiopathic pulmonary fibrosis 2nd Indication : Rheumatoid arthritis
Target	Pyruvate kinase M2 (PKM2)
MoA(Mechanism of Action)	PKM2 activator(PKM2 dimer → PKM2 tetramer → Increase glycolytic activity)
Competitiveness	Using artificial intelligence (AI) and molecular modeling technology together, several numbers of Hits were discovered swiftly in a short amount of time less than two months, and these technologies are also applied to the optimization process for accelerating development speed, thereby to develop new PKM2 activator as a First-in-class drug.
Development Stage	Candidate
Route of Administration	Oral