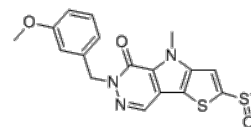


Product Name : ML202
Cat. No. : PC-38586
CAS No. : 1221186-52-2
Molecular Formula : C₁₈H₁₇N₃O₃S₂
Molecular Weight : 387.472
Target : Pyruvate Kinase
Solubility : 10 mM in DMSO



Biological Activity

ML202 (CID-44246498) is a highly specific, allosteric activator for the tumor-specific isoform of human pyruvate kinase M2 (PKM2) with EC₅₀ value of 73 nM, inactive against hPyk-M1, -R, and -L isoforms.

ML202 affects the cooperativity of phosphoenolpyruvate (PEP) binding to PKM2, with little effect on adenosine diphosphate (ADP) binding, in a manner similar to Fructose-1,6-bisphosphate (FBP).

References

Matthew B Boxer, et al. Bethesda (MD): National Center for Biotechnology Information (US); 2010-.

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

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