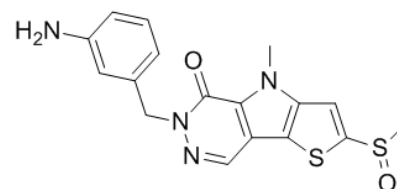


Product Name : TEPP-46
Cat. No. : PC-45505
CAS No. : 1221186-53-3
Molecular Formula : C₁₇H₁₆N₄O₂S₂
Molecular Weight : 372.4645
Target : Pyruvate Kinase
Solubility : DMSO: ≥ 28 mg/mL



Biological Activity

TEPP-46 (ML265) is a potent activator of **PKM2** (pyruvate kinase M2) with IC₅₀ of 92 nM.

TEPP-46 shows no activity on PKM1 in vitro.

TEPP-46 binds to PKM2 at the subunit interaction interface site that is distinct from that of the endogenous activator FBP.

TEPP-46 inhibits xenograft tumor growth and orally bioactive.

References

Anastasiou D, et al. *Nat Chem Biol.* 2012 Oct;8(10):839-47.

Qi W, et al. *Nat Med.* 2017 Apr 24. doi: 10.1038/nm.4328.

Witney TH, et al. *Sci Transl Med.* 2015 Oct 21;7(310):310ra169.

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

E-mail: tech@probechem.com