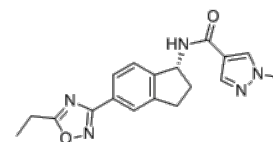


Product Name : Aficamten
Cat. No. : PC-38077
CAS No. : 2364554-48-1
Molecular Formula : C₁₈H₁₉N₅O₂
Molecular Weight : 337.38
Target : Myosin
Solubility : 10 mM in DMSO



Biological Activity

Aficamten (CK-274) is a novel next-generation cardiac **myosin** inhibitor (IC₅₀ =1.4 uM) for treatment of hypertrophic cardiomyopathy.

Aficamten (CK-274) provides a projected human half-life appropriate for once a day dosing, reaching steady state within two weeks, has no substantial CYP induction or inhibition in preclinical assessment and demonstrates a wide therapeutic window in vivo with a clear PK/PD relationship.

References

Chuang C, et al. *J Med Chem*. 2021 Oct 14;64(19):14142-14152.

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

E-mail: tech@probechem.com