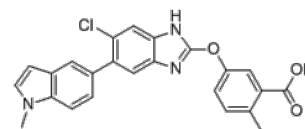


Product Name : EX-229
Cat. No. : PC-60179
CAS No. : 1219739-36-2
Molecular Formula : C₂₄H₁₈ClN₃O₃
Molecular Weight : 431.876
Target : AMPK
Solubility : 10 mM in DMSO



Biological Activity

EX-229 is a small molecule **AMPK** activator that dose-dependently increases AMPK activity of α 1-, α 2-, β 1- and β 2-containing complexes at 50 μ M.

EX-229 induces AMPK activation and glucose uptake in a wortmannin-independent manner; increases fatty acid oxidation in L6 myotubes.

References

Lai YC, et al. *Biochem J*. 2014 Jun 15;460(3):363-75.

Bultot L, et al. *Am J Physiol Endocrinol Metab*. 2016 Oct 1;311(4):E706-E719.

Patent WO2010036613, EX229.

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

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