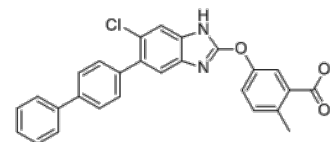


Product Name : MK-3903
Cat. No. : PC-62013
CAS No. : 1219737-12-8
Molecular Formula : C₂₇H₁₉ClN₂O₃
Molecular Weight : 454.91
Target : AMPK
Solubility : DMSO: 100 mM (45.5 mg/mL)



Biological Activity

MK-3903 is a potent and selective, direct and oral **AMPK** activator with EC₅₀ of 9 nM.
MK-3903 activates 10 of the 12 phosphorylated AMPK (pAMPK) complexes with EC₅₀s of 8-40 nM.
MK-3903 improves lipid metabolism and insulin sensitization in mice.

References

Lan P, et al. *J Med Chem.* 2017 Nov 9;60(21):9040-9052.

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

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