

Product Name : AMPK activator 991

Synonyms : —

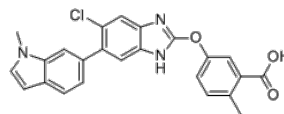
Cat No. : M10830

CAS Number : 1219739-95-3

Molecular Formula : C₂₄H₁₈ClN₃O₃

Formula Weight : 431.88

Chemical Name : 5-((5-chloro-6-(1-methyl-1H-indol-6-yl)-1H-benzo[d]imidazol-2-yl)oxy)-2-methylbenzoic acid



Description : AMPK activator 991 is an allosteric AMPK activator, activates non-phosphorylated Thr172 AMPK in vitro binds to $\alpha 1\beta 1\gamma 1$ and $\alpha 2\beta 1\gamma 1$ with K_d of 0.13 and 0.17 μ M, respectively.

Pathway : Membrane Transporter/Ion Channel

Target : AMPK

Receptor : AMPK

Solubility : —

SMILES : CC1=C(C=C(C=C1)OC2=NC3=C(N2)C=C(C(=C3)C4=CC5=C(C=C4)C=CN5C)Cl)C(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Willows R, et al. Biochem J. 2017 Aug 22;474(17):3059-3073. | 2. Ngoei KRW, et al. Cell Chem Biol. 2018 Jun 21;25(6):728-737.e9.