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## AMPK activator 4

产品编号: D53126

CAS: 2493239-46-4

分子式: C<sub>24</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>3</sub>

纯度: 99.17%

InChi Key: InChIKey=OSSMPMZJYDZMFX-UHFFFAOYSA-N

Smiles: N#CC1=CC=C(C=C1)COC2=CC=C(C=C2)NC(=O)C(OC3=CC=C(Cl)C=C3)(C)C

外观: 固体粉末

作用通路: PI3K/Akt/mTOR signaling;Chromatin/Epigenetic

作用靶点: AMPK

溶解性: DMSO : 225.0 mg/mL (534.6 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: AMPK activator 4 is a potent and selective AMPK activator that does not inhibit mitochondrial complex I. AMPK activator 4 selectively activates AMPK in muscle tissue and dose-dependently improves glucose tolerance in normal mice, significantly reduces fasting glucose levels and improves insulin resistance in db/db diabetic mice. AMPK activator 4 has hypoglycemic effects. activator 4 has hypoglycemic effects.