
PRGL493

产品编号: D57203

CAS: 2479378-45-3

分子式: C₂₅H₂₁N₇O₂

纯度: 98.8%

InChi Key: InChIKey=QNWGOBIYAPLFMK-UHFFFAOYSA-N

Smiles: O=C(NC=1N=C2NC=3C=CC=CC3N2C(N1)C4=CN(N=C4C=5OC(=CC5)C)C=6C=CC=CC6)C

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO : 4.5 mg/mL (10.0 mM; ultrasonic and warming and heat to 60°C)

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

产品介绍: PRGL493 is an inhibitor of long-chain acyl-CoA synthetase 4 (ACSL4). It inhibits formation of arachidonoyl-CoA (AA-CoA) from arachidonic acid in, as well as the proliferation and migration of, PC3 and MDA-MB-231 cancer cells when used at a concentration of 50 μM. PRGL493 (5 μM) reduces production of progesterone induced by 8-Br-cyclic AMP (8-Br-cAMP) in MA-10 Leydig tumor cells. It inhibits tumor growth in a PC3 mouse xenograft model when administered at a dose of 0.25 mg/kg.