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## GW604714X

产品编号: D62598

CAS: 853953-65-8

分子式: C<sub>21</sub>H<sub>18</sub>FN<sub>5</sub>O<sub>5</sub>S

纯度: 98%

InChi Key: InChIKey=WZGVKWZJGXGNBP-UHFFFAOYSA-N

Smiles: O=C(NC1=O)SC1=CC2=CC(C3=NC(N4CCN(C(C)=O)CC4)=CC=C3[N+])([O-])=O)=CC=C2F

外观: 固体粉末

作用通路: Metabolism

作用靶点: Mitochondrial Metabolism

溶解性: Soluble in DMF

保存条件: 2-8°C

产品介绍: GW604714X is a potent inhibitor of mitochondrial respiration supported by pyruvate but not other substrates. GW604714X is a highly specific mitochondrial pyruvate carrier (MPC) inhibitor with a  $K_i < 0.1$  nM. GW604714X also inhibits L-lactate transport by the plasma membrane monocarboxylate transporter (MCT1), but at concentrations more than 4 orders of magnitude greater than the MPC