
Sodium Oxamate

产品编号: D52720

CAS: 565-73-1

分子式: C₂H₂NNaO₃

纯度: 98%

InChi Key: InChIKey=RQVZIJQDCGIKI-UHFFFAOYSA-M

Smiles: [Na+].NC(=O)C([O-])=O

外观: 固体粉末

作用通路: Apoptosis; Cell Cycle/Checkpoint; Metabolism

作用靶点: Apoptosis; CDK; Dehydrogenase

溶解性: DMSO:Insoluble;H₂O:22.21 mg/mL (200 mM, Need ultrasonic)

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

产品介绍: Sodium Oxamate is an LDH inhibitor. Sodium oxamate (SO) induces G2/M cell cycle arrest via downregulation of the CDK1/cyclin B1 pathway and promotes apoptosis through enhancement of mitochondrial ROS generation. It inhibits L(+)-lactate dehydrogenase and derails the entire gluconeogenic pathway.