

Cyclic-di-GMP disodium

产品编号: D53899

CAS: 2222132-40-1

分子式: C₂₀H₂₄N₁₀Na₂O₁₄P₂

纯度: 99.93%

InChi Key: InChiKey=BUNKQAPLZGSWCE-XDODWTFASA-N

Smiles: O=C1C2=C(NC(N)=N1)N([C@H]3[C@@H]([C@@]4([H])[C@](COP(O)(O[C@]5([H])[C@@]([O[C@@H](N6C7=C(C(N=C(N7)N)=O)N=C6)[C@@H]5O)([H])COP(O)(O4)=O)([H])O3)O)C=N2.[Na]

外观: 固体粉末

作用通路: Immunology/Inflammation;Metabolism

作用靶点: STING;Endogenous Metabolite

溶解性: H₂O : 144.0 mg/mL (196.1 mM; Need ultrasonic)

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

产品介绍: Cyclic-di-GMP disodium is a bacterial second messenger and a STING agonist involved in a variety of prokaryotic processes including biofilm formation, motility, and cell cycle progression. Cyclic-di-GMP disodium displays antiproliferative activity against cancer cells, inducing elevated CD4 receptor expression and cell cycle arrest. Cyclic-di-GMP disodium can be used in cancer research cancer.