
ANTIMONY SODIUM GLUCONATE

产品编号: D60057

CAS: 16037-91-5

分子式: C₁₂H₃₇Na₃O₂₇Sb₂

纯度: 98%

InChi Key: InChIKey=CUEDNFKBTFCOSV-UZVLBLASSA-N

Smiles: O=[Sb](O[C@]1([H])[C@H](O)CO)(O[C@@H](C(O)=O)[C@H]1O)O[Sb](O[C@]2([H])[C@H](O)CO)(O[C@@H](C(O)=O)[C@H]2O)=O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.[Na+].[Na+].[Na+]

外观: 固体粉末

作用通路: Metabolism

作用靶点: Phosphatase

溶解性: H₂O: 3 mg/mL (3.29 mM; ultrasonic and warming and heat to 60°C) DMSO: 1 mg/mL (1.10 mM; Need ultrasonic and warming)

保存条件: -20°C

产品介绍: Sodium stibogluconate (Stibogluconate trisodium nonahydrate) is a potent inhibitor of protein tyrosine phosphatase. Sodium stibogluconate inhibits 99% of SHP-1, SHP-2 and PTP1B activity at 10, 100, 100 µg/mL, respectively.