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## Sivelestat sodium tetrahydrate

产品编号: D57169

CAS: 201677-61-4

分子式: C<sub>20</sub>H<sub>29</sub>N<sub>2</sub>NaO<sub>11</sub>S

纯度: 99.64%

InChi Key: InChiKey=PLHREJBSQUSUCW-UHFFFAOYSA-M

Smiles: O=C(CNC(C1=C(NS(=O)(C2=CC=C(C=C2)OC(C(C)(C)C)=O)=O)C=CC=C1)=O)[O-].[Na+].O.O.O.O

外观: 固体粉末

作用通路: Proteases/Proteasome

作用靶点: Serine Protease

溶解性: DMSO: 225mg/mL (425.7mM; Need ultrasonic)

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

产品介绍: Sivelestat sodium tetrahydrate is a competitive inhibitor of human neutrophil elastase, with an IC<sub>50</sub> of 44 nM and a K<sub>i</sub> of 200 nM. Sivelestat (EI546) sodium tetrahydrate has the potential for the study of acute lung injury/acute respiratory distress syndrome or disseminated intravascular coagulation in COVID-19.