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## Senicapoc

产品编号: D57019

CAS: 289656-45-7

分子式: C<sub>20</sub>H<sub>15</sub>F<sub>2</sub>NO

纯度: 99.5%

InChi Key: InChiKey=SCTZUZTYRMOMKT-UHFFFAOYSA-N

Smiles: NC(=O)C(c1ccccc1)(c1ccc(F)cc1)c1ccc(F)cc1

外观: 固体粉末

作用通路: Membrane transporter/Ion channel

作用靶点: Potassium Channel

溶解性: DMSO: 50 mg/mL (154.64 mM; Need ultrasonic)

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

产品介绍: Senicapoc is a potent inhibitor of the Gardos channel and ameliorates RBC dehydration in the SAD mouse. Senicapoc blocked Ca<sup>2+</sup>-induced rubidium flux from human RBCs with an IC<sub>50</sub> value of 11 ± 2 nM (CLT IC<sub>50</sub> = 100 ± 12 nM) and inhibited RBC dehydration with an IC<sub>50</sub> of 30 ± 20 nM. Senicapoc is in treatment of Sick Cell Disease and Sick Cell Anemia