

Catalog Number: CM11767

### 产品信息

**Catalog Number:**  
CM11767

**CAS号:**  
1080028-80-3

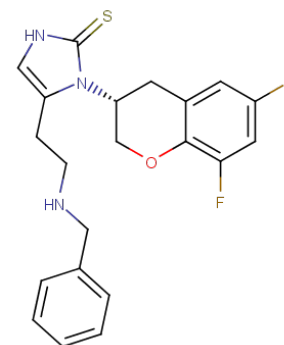
**分子式:**  
C<sub>21</sub>H<sub>21</sub>F<sub>2</sub>N<sub>3</sub>OS

**主要靶点:**  
BCRP|Hydroxylase|P-gp

**主要通路:**  
代谢|神经科学|离子通道

**分子量:**  
401.47

**溶解度:**  
DMSO:150 mg/mL (373.63  
mM), Sonification is  
recommended.



### 靶点活性

Dopamine  $\beta$ -hydroxylase:|P-gp:73.8  $\mu$ M |BCRP:17.0  $\mu$ M

### 体内活性

In the Dahl SS rat, Zamicastat (10, 30 and 100 mg/kg/day; oral bolus, 7 days) is tested acutely against salt-induced hypertension. Zamicastat produces a dose-dependent decrease in blood pressure[2].

### 描述

Zamicastat is an inhibitor of dopamine  $\beta$ -hydroxylase (DBH), and is also a concentration-dependent dual inhibitor of P-gp and BCRP(IC<sub>50</sub> values of 73.8  $\mu$ M and 17.0  $\mu$ M, respectively).

### 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years