

Catalog Number: CM05024

## 产品信息

**Catalog Number:**  
CM05024

**CAS号:**  
1449277-10-4

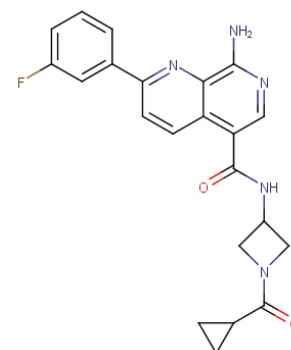
**分子式:**  
C<sub>22</sub>H<sub>20</sub>N<sub>5</sub>O<sub>2</sub>

**主要靶点:**  
MAPK

**主要通路:**  
MAPK信号通路

**分子量:**  
405.42

**溶解度:**  
DMSO:2 mg/mL (4.93 mM), Sonification is recommended.



## 靶点活性

MAP4K4:3.7nM

## 体外活性

GNE-495 has efficacy in retinal angiogenesis. GNE-495 shows the best balance of MAP4K4 inhibition, permeability, microsomal stability, and cellular potency.

## 体内活性

GNE-495 is administered intraperitoneally to neonatal mouse pups at high doses: 25 and 50 mg/kg. GNE-495 shows excellent potency and good PK in vivo profile in all species tested, with low clearances, moderate terminal half-lives, and reasonable oral exposure levels (F=37-47%).

## 描述

GNE-495 is a potent and specific MAP4K4 inhibitor (IC<sub>50</sub>: 3.7 nM).

## 储存

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