

Catalog Number: CM13767

产品信息

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CM13767

CAS号:
15533-09-2

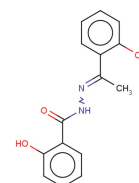
分子式:
C₁₅H₁₄N₂O₃

主要靶点:
GTPase

主要通路:
G蛋白偶联受体

分子量:
270.28

溶解度:
DMF:PBS(pH 7.2)(1:6):0.14
mg/mL,DMF:1 mg/mL,DMSO:22.5
mg/mL (83.2 mM),Sonification is
recommended.



体外活性

In BT474 cells, Compound C108 (1 μM) shows anti-tumor activity[1]. In G3BP2 overexpressing KYSE410 cells and LINC01554 transfected KYSE30 cells, Compound C108 (4 μM) reduces the protein expression of G3BP2 and attenuates ESCC cell metastasis, migration and invasion[2].

体内活性

In a mouse xenograft model of breast cancer, compound C108 (1 μM) reduces the proportion of tumor-initiating cells approximately 10-fold[1].

描述

Compound C108 is an inhibitor of GTPase-activating protein SH3 domain-binding protein 2 (G3BP2). Compound C108 can be used in studies about breast tumors and esophageal squamous cell carcinoma.

储存

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