

Catalog Number: CM05031

产品信息

Catalog Number:
CM05031

CAS号:
496791-37-8

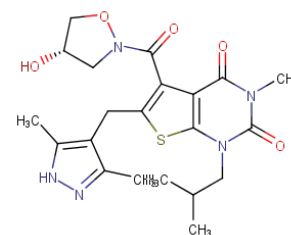
分子式:
C₂₁H₂₇N₅O₅S

主要靶点:
Monocarboxylate transporter

主要通路:
离子通道

分子量:
461.54

溶解度:
DMSO:40 mg/mL (86.67 mM)



靶点活性

MCT2:10 nM(ki)|MCT1:(ki)2.3 nM

体外活性

AR-C155858 (10 nM-100 nM) inhibits MCT1/MCT2 C-terminal chimaeras[1]. AR-C155858 inhibits MCT1 expressed in *Xenopus* oocytes in a time- and concentration-dependent manner[2]. AR-C155858 inhibits MCT2, and the 70% inhibition seen at 10 nM is followed by a gradually increasing inhibition which can only be explained by a *K_i* value of significantly less than 10 nM.

描述

AR-C155858 is an inhibitor of monocarboxylate transporter MCT1 and MCT2 (*K_i*s: 2.3 nM and 10 nM).

储存

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