

AR-C155858

Catalog No: tcsc0540



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

496791-37-8

Formula:

$C_{21}H_{27}N_5O_5S$

Pathway:

Membrane Transporter/Ion Channel

Target:

Monocarboxylate Transporter

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

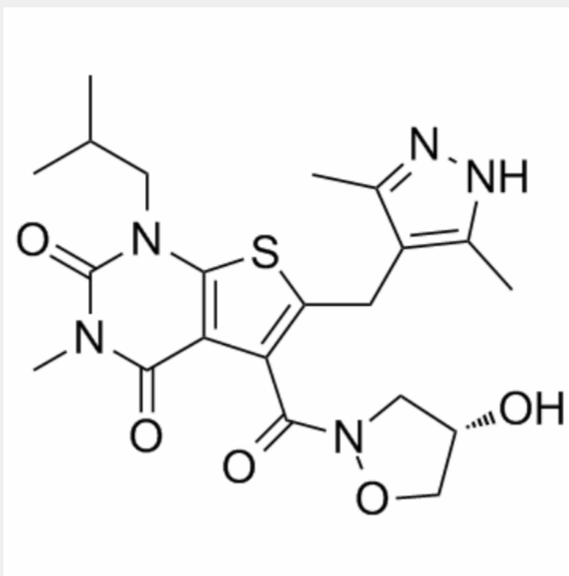
461.53

Product Description

AR-C155858 is a novel inhibitor of the monocarboxylate transporters (**MCTs**) MCT1 and MCT2 (**K_i** values are 2.3 and

IC50 & Target: Ki: 2.3 nM (MCT1), 10 nM (MCT2)

In Vitro: AR-C155858 (10 nM-100 nM) inhibits MCT1/MCT2 C-terminal chimaeras^[1]. 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. AR-C155858 inhibits MCT1 expressed in *Xenopus* oocytes in a time- and concentration-dependent manner^[2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!