



AR-C155858

Catalog No: tcsc0540

Available Sizes
Size: 1mg
Size: 5mg
Size: 10mg
Size: 50mg
Specifications
CAS No: 496791-37-8
Formula: $\mathbf{C_{21}^{H}}_{27}^{N_5}\mathbf{O_5^{S}}$
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 ($\mathbf{K_i}$ 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!