

H100

Catalog No: tcsc0018473



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

643727-55-3

Formula:

$C_{18}H_{16}N_2O_6S$

Pathway:

Membrane Transporter/Ion Channel

Target:

Chloride Channel

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

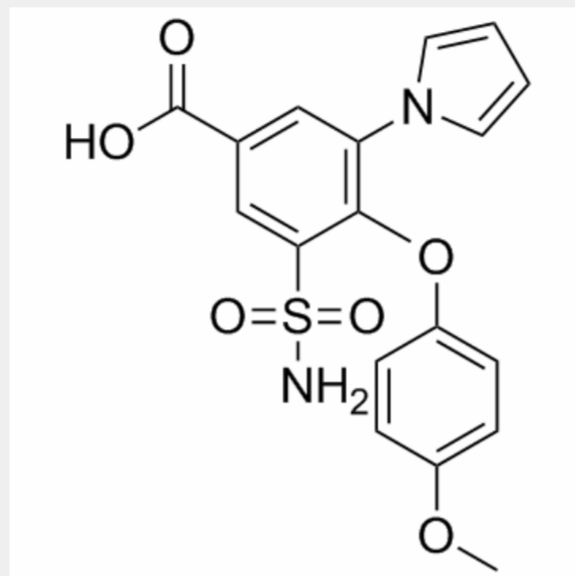
388.39

Product Description

H100 is a **Cl⁻ transport** inhibitor, with partial effects against both the NaK2Cl cotransporter and the Band 3 anion exchanger, but no effect against KCl cotransporter, in human erythrocytes.

IC50 & Target: Cl⁻ transport^[1]

In Vitro: H100 is a Cl⁻ transport inhibitor, with partial effects against both the NaK2Cl cotransporter (NKCC) and the Band 3 anion exchanger (AE), but no effect against KCl cotransporter (KCC), in human erythrocytes. H100 (0.1 mM) shows 63% and 74% inhibition of NKCC and AE in human erythrocytes^[1].



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