

# 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:**

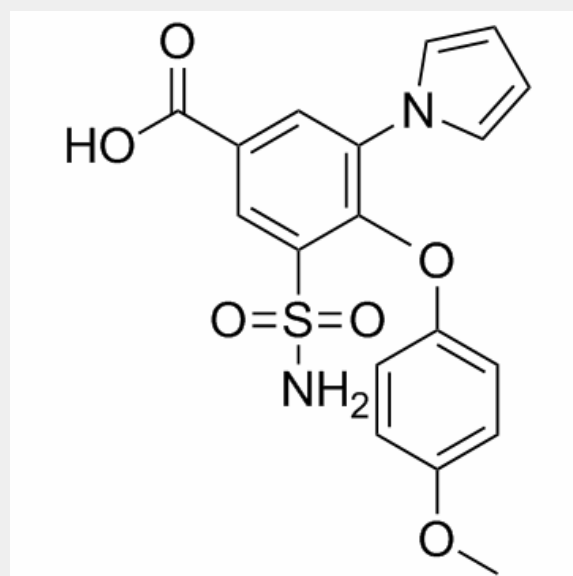
388.39

## Product Description

H100 is a **Cl<sup>-</sup> 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<sup>-</sup> transport<sup>[1]</sup>

***In Vitro:*** H100 is a Cl<sup>-</sup> 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<sup>[1]</sup>.



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