

# Sardomozide dihydrochloride

Catalog No: tcsc0028219



## Available Sizes

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

138794-73-7

**Formula:**

$C_{11}H_{16}Cl_2N_6$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

CGP 48664A

**Observed Molecular Weight:**

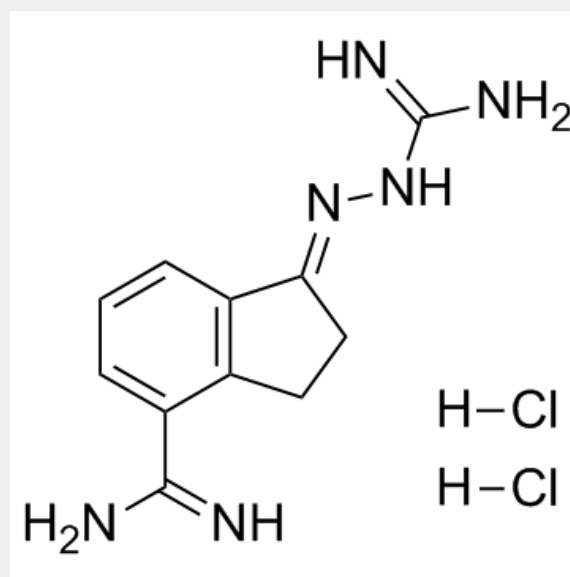
303.19

## Product Description

Sardomozide dihydrochloride is an S-adenosylmethionine decarboxylase (**SAMDC**) inhibitor with an **IC<sub>50</sub>** of 5 nM.

IC50 & Target: IC50: 5 nM (SAMDC)<sup>[1]</sup>

***In Vitro:*** Sardomozide is a S-adenosylmethionine decarboxylase (SAMDC) inhibitor with an IC<sub>50</sub> of 5 nM in cell assay. Following treatment for 48 h with 3 μM Sardomozide, intracellular SAMDC activity is reduced to 10% of control<sup>[1]</sup>. When the CHO/664 cells are grown in the presence of Sardomozide and during treatment with DENSPM, vacuole formation is not observed, and these cells are growth-inhibited and contain levels of DENSPM similar to the parental CHO cells<sup>[2]</sup>.



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