

Sardomozide

Catalog No: tcsc0007772



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

149400-88-4

Formula:

$C_{11}H_{14}N_6$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

CGP 48664;SAM-486A

Observed Molecular Weight:

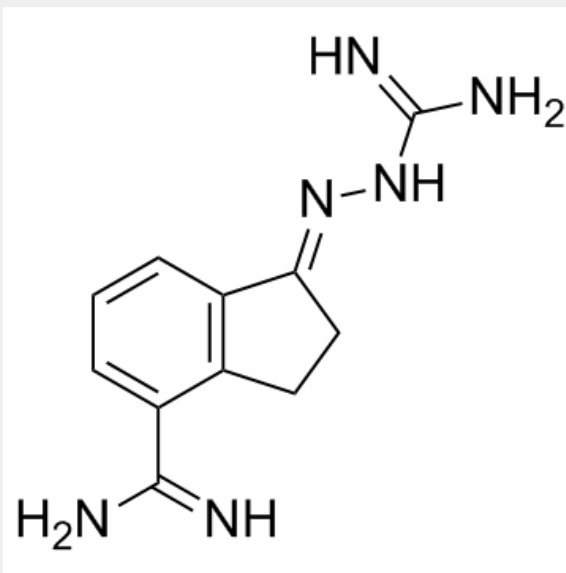
230.27

Product Description

Sardomozide is an S-adenosylmethionine decarboxylase (**SAMDC**) inhibitor with an **IC₅₀** of 5 nM.

IC50 & Target: IC50: 5 nM (SAMDC)^[1]

In Vitro: Sardomozide is a S-adenosylmethionine decarboxylase (SAMDC) inhibitor with an IC₅₀ of 5 nM in cell assay. Following treatment for 48 h with 3 μM Sardomozide, intracellular SAMDC activity is reduced to 10% of control^[1]. 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^[2].



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