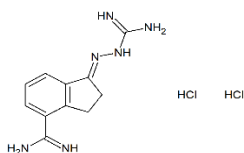


# Sardomozide Hydrochloride

**ALTERNATE NAME:** SAM-486A  
CGP 48664  
SAM 486A  
Sardomozide  
CGP-48664  
(E)-2-(4-carbamimidoyl-2,3-dihydro-1H-inden-1-ylidene)hydrazinecarboximidamide dihydrochloride  
CGP48664

**CATALOG #:** B2566-5 5 mg  
B2566-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>11</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>6</sub>

**MOLECULAR WEIGHT:** 303.19

**CAS NUMBER:** 138794-73-7

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98%

**SOLUBILITY:** Water

**DESCRIPTION:** Sardomozide Hydrochloride is a second-generation polyamine synthesis inhibitor, that inhibits the activity of the polyamine biosynthetic enzyme S-adenosylmethionine decarboxylase (SAMDC). Sardomozide is more potent and specific than the first-generation SAMDC inhibitor methylglyoxal (bis) guanyldrazone (MGBG). Displays antiproliferative activity.

**STORAGE TEMPERATURE:** -20°C. Protect from moisture

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Ornithine Decarboxylase I (ODC1) Inhibitor Screening Kit (Colorimetric) (K176)  
Methionine Assay Kit (Fluorometric) (K442)  
Ornithine Decarboxylase, Human Recombinant (P1342)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***