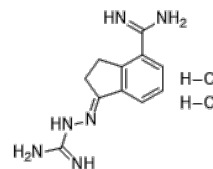


Product Name : Sardomozide dihydrochloride
Cat. No. : PC-24845
CAS No. : 138794-73-7
Molecular Formula : C₁₁H₁₆Cl₂N₆
Molecular Weight : 303.19
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

SAM486A dihydrochloride (Sardomozide) is a highly potent, selective S-adenosylmethionine decarboxylase (SAMDC) inhibitor with IC₅₀ of 5 nM, inhibits intracellular spermidine and spermine pools.

SAM486A (Sardomozide) shows a pronounced antiproliferative activity (IC₅₀ of 0.71 uM, human T24 bladder carcinoma cells).

SAM486A (Sardomozide) displays >2500-fold selective over diamine oxidase (DAO).

References

Stanek J, et al. J Med Chem. 1993 Jul 23;36(15):2168-71.

Regenass U, et al. Cancer Res. 1994 Jun 15;54(12):3210-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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