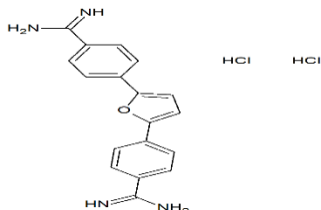


Furamidine dihydrochloride

ALTERNATE NAME: 4,4'-(2,5-FurandiyI)bis-benzenecarboximidamide dihydrochloride

CATALOG #: B2581-5 5 mg
B2581-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₆N₄O.2HCl

MOLECULAR WEIGHT: 377.27

CAS NUMBER: 55368-40-6

APPEARANCE: Yellow solid

PURITY: ≥98% by HPLC

SOLUBILITY: >15 mg/ml Water
>15 mg/ml DMSO

DESCRIPTION: Furamidine dihydrochloride is a potent, selective and cell-permeable protein arginine methyltransferase 1 (PRMT1) inhibitor (IC₅₀ = 9.4 μM). Displays selectivity over PRMT5, PRMT6 and CARM1 (IC₅₀ values are 166, 283 and >400 μM respectively). Inhibits cell proliferation in leukemia cell lines.

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:

AMI-1 (1943)
Sinefungin (B2824)
AMI-5 (2300)
XY1 (B2850)
MS023 (B2575)

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