
Product Data Sheet

Product Name: S3337
Cat. No.: GC31987

Chemical Properties

Cas. No. 108499-48-5

SMILES CCNC1=CC=CC=C1CS(C2=NC3=CC(OC)=C(OC)C=C3N2)=O

Formula $C_{18}H_{21}N_3O_3S$ M.Wt 359.44

Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

S3337 is an H^{+} , K^{+} -ATPase inhibitor.

In stomach-lumen-perfused rats and in particular in Heidenhain pouch dogs, S3337 is effective in vivo models and in the H^{+} , K^{+} -ATPase assay[1].

[1]. Herling AW, et al. A substituted thieno[3.4-d]imidazole versus substituted benzimidazoles as H^{+} , K^{+} -ATPase inhibitors. Pharmacology. 1988;36(5):289-97.

Caution: Product has not been fully validated for medical applications. For research use only.

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