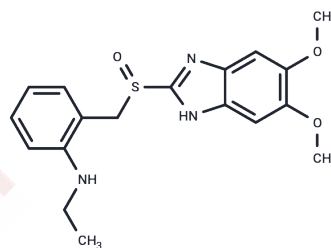


S3337

Chemical Properties

CAS No. : 108499-48-5
 Formula: C₁₈H₂₁N₃O₃S
 Molecular Weight: 359.44
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	S3337 is an inhibitor of H ⁺ , K ⁺ -ATPase
Targets(IC50)	Others, Proton pump
In vivo	S3337 is effective in vivo models and in the H ⁺ , with K ⁺ -ATPase assay in stomach-lumen-perfused rats and in particular in Heidenhain pouch dogs.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7821 mL	13.9105 mL	27.8211 mL
5 mM	0.5564 mL	2.7821 mL	5.5642 mL
10 mM	0.2782 mL	1.3911 mL	2.7821 mL
50 mM	0.0556 mL	0.2782 mL	0.5564 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Herling AW, et al. A substituted thieno[3,4-d]imidazole versus substituted benzimidazoles as H

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