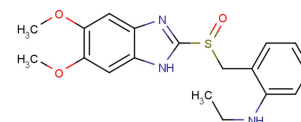


S3337

## Chemical Properties

CAS No.:	108499-48-5
Formula:	C <sub>18</sub> H <sub>21</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	359.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	S3337 is an inhibitor of H <sup>+</sup> , K <sup>+</sup> -ATPase
Targets(IC <sub>50</sub> )	H <sup>+</sup> , K <sup>+</sup> -ATPase: None
In vivo	S3337 is effective in vivo models and in the H <sup>+</sup> ,with K <sup>+</sup> -ATPase assay in stomach-lumen-perfused rats and in particular in Heidenhain pouch dogs.

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.782 mL	13.911 mL	27.821 mL
5 mM	0.556 mL	2.782 mL	5.564 mL
10 mM	0.278 mL	1.391 mL	2.782 mL
50 mM	0.056 mL	0.278 mL	0.556 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

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

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