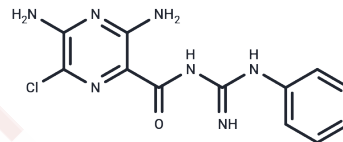


Phenamil

Chemical Properties

CAS No. :	2038-35-9
Formula:	C ₁₂ H ₁₂ ClN ₇ O
Molecular Weight:	305.72
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	Phenamil is an inhibitor of epithelial sodium channels, which activates the osteomorphin protein signalling pathway to promote bone repair and induces significant fat formation.
Targets(IC50)	Sodium Channel,TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.271 mL	16.3548 mL	32.7097 mL
5 mM	0.6542 mL	3.271 mL	6.5419 mL
10 mM	0.3271 mL	1.6355 mL	3.271 mL
50 mM	0.0654 mL	0.3271 mL	0.6542 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

Lannigan DA,et,al. Phenamil, an amiloride analogue, inhibits differentiation of Friend murine erythroleukemic cells. Am J Physiol. 1988 Jan;254(1 Pt 1):C122-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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