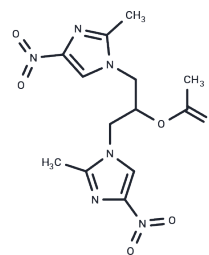


RS 029

Chemical Properties

CAS No. : 110230-95-0
 Formula: C₁₃H₁₆N₆O₆
 Molecular Weight: 352.3
 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	RS 029 is a nitroimidazole that has been exhibited to significantly inhibit (Na ⁺ K ⁺) ATP-ase activity.
Targets(IC50)	ATPase,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8385 mL	14.1924 mL	28.3849 mL
5 mM	0.5677 mL	2.8385 mL	5.677 mL
10 mM	0.2838 mL	1.4192 mL	2.8385 mL
50 mM	0.0568 mL	0.2838 mL	0.5677 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

Rybczyńska M, Philips H, Chmiel J. The influence of 2-acetoxy-1, 3-di(nitroimidazolyl)propane derivatives on human red blood cell membrane ATP-ase activity. Pol J Pharmacol Pharm. 1987 Jan-Feb;39(1):5-10. PubMed PMID: 2823238.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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