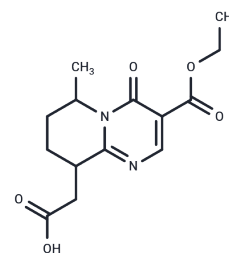


## Acitemate

## Chemical Properties

CAS No. :	64405-40-9
Formula:	C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	294.3
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Acitemate(Chinoin 123) has an inhibitory effect on atherosclerosis and reduces the permeability of the aorta in rabbits fed a hyperlipidemic diet, which can be used to study atherosclerosis.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (169.89 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3979 mL	16.9895 mL	33.9789 mL
5 mM	0.6796 mL	3.3979 mL	6.7958 mL
10 mM	0.3398 mL	1.6989 mL	3.3979 mL
50 mM	0.068 mL	0.3398 mL	0.6796 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

Ecsedi GG, et al. Effect of CH-1243, a pyrido (1,2-a) pyrimidine derivative on the elevated activity of lysosomal enzymes of rabbit aorta and liver in experimental atherosclerosis. *Atherosclerosis*. 1981 May;39(2):183-90.

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