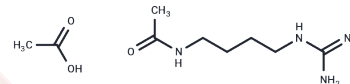


## Acetylglutamate acetate

## Chemical Properties

CAS No. :	2108663-32-5
Formula:	C <sub>9</sub> H <sub>20</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	232.28
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	Acetylglutamate (N-Acetylglutamate) acetate is the product formed by the enzyme guanidinoacetate N-acetyltransferase (AgmNAT), which catalyzes the reaction between acetyl coenzyme A and agmatine. Agmatine itself results from the decarboxylation of arginine and functions as a neurotransmitter and neuromodulator in the mammalian brain.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3051 mL	21.5257 mL	43.0515 mL
5 mM	0.861 mL	4.3051 mL	8.6103 mL
10 mM	0.4305 mL	2.1526 mL	4.3051 mL
50 mM	0.0861 mL	0.4305 mL	0.861 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.

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