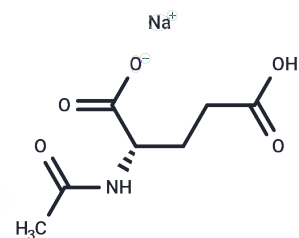


Monosodium N-acetylglutamate

Chemical Properties

CAS No. :	20640-61-3
Formula:	C7H10NNaO5
Molecular Weight:	211.15
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	Monosodium N-acetylglutamate is the sodium salt of N-acetylglutamate, biosynthesized from glutamate and acetylornithine by ornithine acetyltransferase, and from glutamic acid and acetyl-CoA by the enzyme N-acetylglutamate synthase.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.736 mL	23.6798 mL	47.3597 mL
5 mM	0.9472 mL	4.736 mL	9.4719 mL
10 mM	0.4736 mL	2.368 mL	4.736 mL
50 mM	0.0947 mL	0.4736 mL	0.9472 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

Haseleu G, Lubian E, Mueller S, Shi F, Koenig T. Quantitative studies and taste reconstitution experiments of the sour and lingering mouthful orosensation in a debittered extract of traditional Japanese dried and fermented skipjack tuna (hongarebushi). J Agric Food Chem. 2013 Apr 3;61(13):3205-11. doi: 10.1021/jf400112b. Epub 2013 Mar 19. PubMed PMID: 23472642.

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