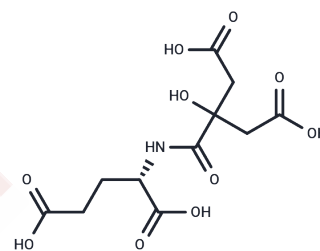


β -Citryl-L-glutamic acid

Chemical Properties

CAS No. :	73590-26-8
Formula:	C ₁₁ H ₁₅ NO ₁₀
Molecular Weight:	321.24
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	β -Citryl-L-glutamic acid (β -Citrylglutamic acid) is an endogenous metabolite present in the developing brain, capable of activating aconitase activity as an iron carrier.
Targets(IC50)	Aconitase,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1129 mL	15.5647 mL	31.1294 mL
5 mM	0.6226 mL	3.1129 mL	6.2259 mL
10 mM	0.3113 mL	1.5565 mL	3.1129 mL
50 mM	0.0623 mL	0.3113 mL	0.6226 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

Miyake M, et al. Isolation and identification of beta-citryl-L-glutamic acid from newborn rat brain. Biochim Biophys Acta. 1978 Dec 18;544(3):656-66.

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