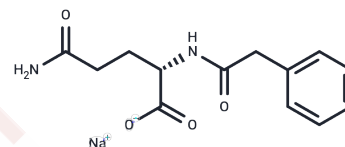


Sodium phenylacetyl glutamine

Chemical Properties

CAS No. :	104771-87-1
Formula:	C ₁₃ H ₁₅ N ₂ NaO ₄
Molecular Weight:	286.26
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	Sodium phenylacetyl glutamine is a product formed by the conjugation of phenylacetate and glutamine. It is a common metabolite that is naturally occurring in human urine.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4933 mL	17.4666 mL	34.9333 mL
5 mM	0.6987 mL	3.4933 mL	6.9867 mL
10 mM	0.3493 mL	1.7467 mL	3.4933 mL
50 mM	0.0699 mL	0.3493 mL	0.6987 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

Hazekawa M, Ono K, Nishinakagawa T, Kawakubo-Yasukochi T, Nakashima M. In Vitro Anti-inflammatory Effects of the Phenylbutyric Acid Metabolite Phenylacetyl Glutamine. *Biol Pharm Bull.* 2018 Jun 1;41(6):961-966. doi: 10.1248/bpb.b17-00799. Epub 2018 Mar 10. PubMed PMID: 29526885.

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