

N-Acetyl-L-tyrosine ethyl ester

Chemical Properties

CAS No. : 840-97-1

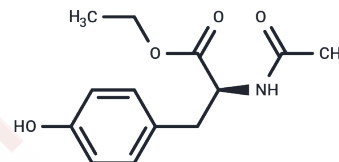
Formula: C₁₃H₁₇NO₄

Molecular Weight: 251.2784

Keep away from moisture

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

N-Acetyl-L-tyrosine ethyl ester (ATEE) is a compound frequently used as a food flavoring agent and supplement. It is an ester of tyrosine, an amino acid found in various proteins. ATEE imparts sweetness, nuttiness, and a caramel-like flavor, enhancing the taste of baked goods, dairy products, and beverages. It also offers potential health benefits, such as antioxidant properties and the ability to improve cognitive function.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9796 mL	19.8981 mL	39.7962 mL
5 mM	0.7959 mL	3.9796 mL	7.9592 mL
10 mM	0.398 mL	1.9898 mL	3.9796 mL
50 mM	0.0796 mL	0.398 mL	0.7959 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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